

20030714.qrp v02_n981.qrl.20030714

Date: Mon, 14 Jul 2003 19:03:11 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2981

QRP-L Digest 2981

Topics covered in this issue include:

- 1) [154208] OT: "Eye Ball QSO" Cards - WMF Converter/Editor
by Brian Short <bshort4@cox.net>
- 2) [154209] Re: Popped the DSW-II-20 PIC into my DSW-20 this a.m. / WWV made easy...
by "Bill, N4QA" <n4qa@hotmail.com>
- 3) [154210] Beacons July 13/03 2245z
by Fred Lesnick <flesnick@tbaytel.net>
- 4) [154211] Fox Hunt
by "Jim Sheldon" <w0eb@cox.net>
- 5) [154212] Re: 40M Notes from ARRL Letter
by Ed Tanton <n4xy@earthlink.net>
- 6) [154213] Re: 40M Notes from ARRL Letter
by "John_K7FD" <john_k7fd@cablespeed.com>
- 7) [154214] Re: 40M Notes from ARRL Letter
by "Jim and Jade" <kw3u@warwick.net>
- 8) [154215] MFJ 40V VFO
by "Gene Sailsbury" <gsailsbury@mobil1.net>
- 9) [154216] Yahoo mail and HTML
by Jim Eshleman <jce0@Lehigh.EDU>
- 10) [154217] Re: (AT Sprint) Changing Filter Boards?
by Ray Sills <raysills@1stconnect.com>
- 11) [154218] Dan's Small Parts
by Lee Mairs <lmairs@direcway.com>
- 12) [154219] Found Dan's URL
by Lee Mairs <lmairs@direcway.com>
- 13) [154220] Build Times
by Noah Lorang <NoahLorang@nc.rr.com>
- 14) [154221] T130-2 toroids
by Lee Mairs <lmairs@direcway.com>
- 15) [154222] Re: Antenna adventures with my new K1 (long)
by Monty N5ESE <n5ese@io.com>
- 16) [154223] Post WARC-03 Thoughts
by "Bruce Prior" <n7rr@hotmail.com>
- 17) [154224] LOBSTERCON
by Steven Weber <kd1jv@moose.ncia.net>
- 18) [154225] LOBSTERCON
by "sslyon" <sslyon@megalink.net>

- 19) [154226] Re: 40M Notes from ARRL Letter
by K7VO <k7vo@earthlink.net>
- 20) [154227] Re: (AT Sprint) Changing Filter Boards?
by Lee Boulineau <n4mvl@yahoo.com>
- 21) [154228] Re: (AT Sprint) Changing Filter Boards?
by Steve Smith <sigcom@juno.com>
- 22) [154229] Re: T130-2 toroids
by Al Scanandoah <k2zn@rochester.rr.com>
- 23) [154230] Re: Post WARC-03 Thoughts
by Terry Bassett <mutabut@net66.com>
- 24) [154231] Re: [fpqrp] Build Times
by "w8diz" <w8diz@cinci.rr.com>
- 25) [154232] Re: [ham] Re: 40M Notes from ARRL Letter
by KD5NWA <KD5NWA@cbayona.com>
- 26) [154233] Re: Fox Hunt
by Wayne_W5KDJ <w5kdj@juno.com>
- 27) [154234] Re: T130-2 toroids
by "Joe Martin" <km5cw@arrl.net>
- 28) [154235] Re: More uP stuff (Nitron)
by VA3TO <hduff@rogers.com>
- 29) [154236] Re: [ham] Re: 40M Notes from ARRL Letter
by K7VO <k7vo@earthlink.net>
- 30) [154237] Paddles for sale
by "Glenn Maclean" <wa7spy@attbi.com>
- 31) [154238] Re: [fpqrp] Build Times
by "Lawrence Makoski" <Makos327@worldnet.att.net>
- 32) [154239] Re: Post WARC-03 Thoughts
by "john gabbard" <johngabbard@usintouch.com>
- 33) [154240] Re: Fox Hunt
by "George, W5YR" <w5yr@att.net>
- 34) [154241] Re: Post WARC-03 Thoughts
by "George, W5YR" <w5yr@att.net>
- 35) [154242] Re: 40M Notes from ARRL Letter
by Bill Stietenroth <k5zty@juno.com>
- 36) [154243] Re: Antenna adventures with my new K1 (long)
by Gary Slagel <gdslagel@yahoo.com>
- 37) [154244] HW-8 Has been sold
by "H. L. Stephenson" <kg6wp@yahoo.com>
- 38) [154245] FS: OHR, Emtech, Paddlette...>
by "Pat Armstrong" <aa7fg@gte.net>
- 39) [154246] Re: LOBSTERCON
by "John Sielke" <jsielke@pobox.com>
- 40) [154247] Re: (AT Sprint) Changing Filter Boards? / CW
by Dale Botkin <dale@botkin.org>
- 41) [154248] BLT is Repackaged
by "Doug Hendricks" <ki6ds@dospalos.org>
- 42) [154249] FOX: AC7A Preliminary 07-13-03
by "Thomas Kuehl" <ac7a@earthlink.net>

- 43) [154250] Distributing PCB artwork
by "Leon Heller" <leon_heller@hotmail.com>
- 44) [154251] NJQRP Kit shipping updates
by "David Porter" <aa3ur@comcast.net>
- 45) [154252] Re: 40M Notes from ARRL Letter
by w9ya <w9ya@arrl.net>
- 46) [154253] Re: Post WARC-03 Thoughts
by psschwarz@kellnet.com
- 47) [154254] pro-code/no-code, band plans, regulatory matters...
by Jim Eshleman <jce0@Lehigh.EDU>
- 48) [154255] Re: Antenna adventures with my new K1 (long)
by "Trevor Jacobs" <kg6cyn@softhome.net>
- 49) [154256] Joy of QRP/P
by Lloyd Lachow <llachow@yahoo.com>
- 50) [154257] Re: [Eastside] QRP ARCI Summer Homebrew Contest
by "James P. Osburn, P.E." <j.p.osburn@ieee.org>
- 51) [154258] K1 Speaker silence
by Lloyd Lachow <llachow@yahoo.com>
- 52) [154259] Re: OT Altoids question
by Lloyd Lachow <llachow@yahoo.com>
- 53) [154260] Re: 1/2 wave end fed antenna
by Lloyd Lachow <llachow@yahoo.com>
- 54) [154261] Re: BLT is Repackaged
by Lee Boulineau <n4mvl@yahoo.com>
- 55) [154262] RE: More uP stuff
by "David Hinerman" <WD8CIV@worldnet.att.net>
- 56) [154263] Re: Have you been harmed by melting Solder?
by George Gingell <k3tks@u1.abs.net>
- 57) [154264] RE: "Eye Ball QSO" Cards - WMF Converter/Editor
by "David Hinerman" <WD8CIV@worldnet.att.net>
- 58) [154265] Re: Good Day!
by George Gingell <k3tks@u1.abs.net>
- 59) [154266] Re: K1 Speaker silence
by "Mike Yetsko" <myetsko@insydesw.com>
- 60) [154267] Re: Good Day!
by George Gingell <k3tks@u1.abs.net>
- 61) [154268] Re: "Eye Ball QSO" Cards - WMF Converter/Editor
by "George, W5YR" <w5yr@att.net>
- 62) [154269] Buzza Key Info Needed
by Howard Friedman <haf47@juno.com>
- 63) [154270] RE: "Eye Ball QSO" Cards - WMF Converter/Editor
by "David Hinerman" <WD8CIV@worldnet.att.net>
- 64) [154271] Mail from ZS4TX neat !!!
by "George Osier" <gosier@twcnny.rr.com>
- 65) [154272] ARCI HB Sprint - K7RE
by Brian Kassel <K7RE@arrl.net>
- 66) [154273] Future AT Sprint rig kits
by Steven Weber <kd1jv@moose.ncia.net>

- 67) [154274] RE: Buzza Key Info Needed
by "AI2Q" <ai2q@adelphia.net>
- 68) [154275] LOBSTERCOM
by hamjoel@juno.com
- 69) [154276] HP 415E
by "Brad Hernlem" <alihernlem@hotmail.com>
- 70) [154277] Re: [fpqrp] Build Times
by Bob Nielsen <nielsen@oz.net>
- 71) [154278] Re: 1/2 wave end fed antenna
by Lew Paceley <lew@paceley.com>
- 72) [154279] Four State QRP Group joins AmQRP
by "George Heron N2APB" <n2apb@erols.com>
- 73) [154280] Antenna Programs (to determine matching inductance and capacitance)
by ARDUJENSKI@aol.com
- 74) [154281] Re: Future AT Sprint rig kits
by w9ya <w9ya@arrl.net>
- 75) [154282] Re: K1 Speaker silence
by George Franklin <w0av@juno.com>
- 76) [154283] Re: ARCI HB Sprint - K7RE
by "John Sielke" <jsielke@pobox.com>
- 77) [154284] Re: T130-2 toroids
by "Noyce, Bill" <william.noyce@hp.com>
- 78) [154285] Re: K1 Speaker silence
by Peter Burbank <peterlee@qx.net>
- 79) [154286] New Regulations For The Amateur Services WRC-03
by Ed Tanton <n4xy@earthlink.net>
- 80) [154287] Re: Antenna adventures with my new K1 (long)
by "Jeff Imel" <jeffimel@hotmail.com>
- 81) [154288] WANTED: HW-8 (Sale or Swap)
by Michael Pupeza <mpupeza@sympatico.ca>
- 82) [154289] Re: K1 Speaker silence
by Lloyd Lachow <llachow@yahoo.com>
- 83) [154290] Re: Build Times
by Curt Milton <wb8yyy@yahoo.com>
- 84) [154291] Volunteer needed for NorCal Keyer Project
by "Doug Hendricks" <ki6ds@dpol.net>
- 85) [154292] SCAF-1 filter sold
by "John Dooley" <portscom@hotmail.com>
- 86) [154293] FS HW 8 ; HWA 7-1
by MIKE SOUHRADA <wb9iog@revealed.net>
- 87) [154294] Re: "Eye Ball QSO" Cards - WMF Converter/Editor
by "Mike Yetsko" <myetsko@insydesw.com>
- 88) [154295] The '703 is HERE!
by "Bill, N4QA" <n4qa@hotmail.com>
- 89) [154296] NorCal Keyer Elmer is Jim Kortge
by "Doug Hendricks" <ki6ds@dpol.net>
- 90) [154297] HP Calculator OT
by Richard Lim <richlim11@yahoo.com>

- 91) [154298] Re: QRP-L digest 2980
by Larry East <w1hue@amsat.org>
92) [154299] The "QRP-Canada RUN WITH RAC" reminder.
by Bruce Rattray <rattray@gpfn.sk.ca>

Date: Sun, 13 Jul 2003 17:42:42 -0400
From: Brian Short <bshort4@cox.net>
To: Low Discussion <qrp-l@Lehigh.EDU>
Subject: [154208] OT: "Eye Ball QSO" Cards - WMF Converter/Editor
Message-ID: <EEA3D0C0-B57A-11D7-BB16-00306543B616@cox.net>
Mime-Version: 1.0 (Apple Message framework v552)
Content-Type: text/plain; charset=US-ASCII; format=flowed
Content-Transfer-Encoding: 7bit

I am playing with a software program for printing
"business cards" on available card stock.

The layout program allows adding titles, text
fields and images stored as .WMF files.

Looking through some of my clip art collections,
I have found additional WMF files, but not a way
to create my own .WMF images.

My plan is to make some "eye ball QSO" cards.

There must be some graphics program which
will write/export to .WMF format? Or some sort
of Photoshop add-on?

Brian

--

See my web page: <http://www.k7on.com>

Date: Sun, 13 Jul 2003 18:45:04 -0400
From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [154209] Re: Popped the DSW-II-20 PIC into my DSW-20 this a.m. / WWV made
easy...
Message-ID: <BAY1-F80SHW1HSAHwNK000079a4@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Well,
Egg all over my face <embarrassed grin...again>.
I just remembered that the RIT portion of the DSW-II's toggle switch is
MOMENTARY, just like the AFA/step-size portion.

Ok, the DSW-II-20 PIC will still work in the older DSW-20...so long as this
subtle difference in the RIT switch operation is observed.

In other words...using a standard DSW-II-20 PIC in a standard DSW-20
rig...the DSW-20's RIT switch must be manually toggled 'momentarily', that
is, then toggled right back. Confused? Me too :)
This is what I get for mixing all these high-technologies...
I DO like being able to cause the older DSW-20's receiver to power up to 15
Mhz WWV though.
Of course, we *could* replace the older DSW's toggle switch with the newer
one.
OR, we could all just upgrade to DSW-IIs...so many choices...
DSW(II)s ROCK!

73.
Bill, N4QA
<http://www.n4qa.com>

Add photos to your messages with MSN 8. Get 2 months FREE*.
<http://join.msn.com/?page=features/featuredemail>

Date: Sun, 13 Jul 2003 18:57:42 -0400
From: Fred Lesnick <flesnick@tbaytel.net>
To: QRPL <qrp-l@Lehigh.EDU>, QRP Canada <qrp-canada@neale.gpfn.sk.ca>,
beacons <hfbeacons@explore.plus.com>
Subject: [154210] Beacons July 13/03 2245z
Message-ID: <3F11E3E6.4A493AF3@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just took a spin a round the dial on 10m, hearing the following with
more light beacons in the background, band is starting to wake up..

28.278 AC3A
28.221 WE4S
28.199 LU1FHH
28.208 AK2S
28.246 KG2GL

28.296 W3VD (559)
28.282 W0ERE (559)

Fred
VE3FAL
Thunder Bay, Ontario
EN58df

Date: Sun, 13 Jul 2003 18:01:30 -0500
From: "Jim Sheldon" <w0eb@cox.net>
To: "Flying Pigs Mailing List" <fpqrp-l@mpna.com>,
"QRP-L Mailing List" <qrp-l@Lehigh.EDU>
Subject: [154211] Fox Hunt
Message-ID: <IBEGLCMLCDHHEFLBPHB00EOICMAA.w0eb@cox.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Got 'em both again! Yahoo! AC7A was in the mud at first, then the Fists QRM went away and good copy. K0FRP was steady at 559 and no QSB/QRM here today.

Jim, W0EB

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.500 / Virus Database: 298 - Release Date: 7/10/2003

Date: Sun, 13 Jul 2003 18:03:07 -0400
From: Ed Tanton <n4xy@earthlink.net>
To: myetsko@insydesw.com,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [154212] Re: 40M Notes from ARRL Letter
Message-ID: <5.2.1.1.2.20030713180226.021611a8@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Well said, Mike.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Sun, 13 Jul 2003 16:00:57 -0700
From: "John_K7FD" <john_k7fd@cablespeed.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [154213] Re: 40M Notes from ARRL Letter
Message-ID: <000801c34992\$9eae220\$3801a8c0@happycamper>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> No, it's sad news for CW enthusiasts.
>
> It's GREAT news for those of us who have been trying to get kids into ham
> radio.

Why is CW a deterrent to getting kids in ham radio? Are they too busy to
learn code? Are we too busy to teach it them? Are they too lazy to learn
code; or are we too lazy to teach it to them?

Let's call it like it is - "it's too hard to do it and I don't wanna learn the code...I can't, I can't , I can't"...which really means "I won't, I won't, I won't" because they CAN learn it...with patience and desire. Ah, there's the rub..."you mean I have to WORK at it???" But wait! Are we sure we're talking about kids here?

In reality, I don't think it's the KIDS that won't work at it but the whinning ADULTS that let time pass them by & now they want a ham ticket with all the trimmings...for nothing. Yep, that's right. Something for nothing. So spare me the kid argument because the youngsters who've become interested in ham radio have sailed right through the code without batting an eye.

So be honest with yourself if you're one of the ones who embrace no code. Regardless of its value today, the REAL reason you're celebrating CW's demise is you won't have to expend the effort to learn it.

73 John K7FD

Date: Sun, 13 Jul 2003 19:03:44 -0700
From: "Jim and Jade" <kw3u@warwick.net>
To: <k7vo@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [154214] Re: 40M Notes from ARRL Letter
Message-ID: <003501c349ac\$289baf40\$19a206d8@f5b712>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Very good tongue in cheek answer that covers it well Caity.

Time marches on and the new techs that were patiently shown the cw operations at FD are anxiously waiting some training/elmering at next club meeting, its cool when they don't have to plus someone will show/teach the interested.

72 Jim

----- Original Message -----
From: "K7VO" <k7vo@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, July 13, 2003 2:26 PM

Subject: Re: 40M Notes from ARRL Letter

> On Sun, 13 Jul 2003 12:15:55 -0400
> Rick McKee <kc8aon@juno.com> wrote:
>
> > This is sad news for amateur radio !
>
> Oh, indeed it is. *IF* the FCC drops the code requirement what will we
> use for a hazing ritual to enter the ham radio fraternity? Sure, CW
> isn't necessary to be a good ham, but doggone it I had to pass a 13WPM
> CW test to get HF privileges, and so should everyone else. I mean, so
> what if CW is obsolete except as a hobbyist and historical mode? New
> hams should understand vacuum tube design principles too, just like the
> oldtimers did. New digital modes? Questions on those? PAH! Make 'em
> learn the old fashioned way. Who cares about new technologies! Besides,
> without the CW hazing ritual ham radio will be little better than CB. I
> don't want CB riff raff crowding the fine operations that go on nightly
> on 75m SSB. Heaven forbid!</sarcasm>
>
> CW will not die, and the lack of a CW requirement won't mean the end of
> the CW bands. If you love CW share that passion with new hams and
> encourage them. Now that newcomers won't be force fed CW and we'll
> actually have to tout it's virtues we will find that it's easier, not
> harder, to get them interested in CW.
>
> This change is overdue.
>
> Flames will be forwarded to /dev/null
>
> 72/73,
> Caity
> K7VO
> who really likes the way her new call sounds in CW
>

Date: Sun, 13 Jul 2003 18:25:06 -0500
From: "Gene Sailsbury" <gsailsbury@mobil1.net>
To: "Low Power" <qrp-1@Lehigh.EDU>
Subject: [154215] MFJ 40V VFO
Message-ID: <002f01c34995\$ff5bb1e0\$dbc03fd8@n0mq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I need a copy of the manual for the MFJ 40V VFO that matches the MFJ 40T Transmitter. MFJ does not list it on the manual page and I contacted them and they do not have one. Also looking for the matching paddle/keyer for that series. Thanks.

72

Gene NOMQ

Date: Sun, 13 Jul 2003 20:03:27 -0400
From: Jim Eshleman <jce0@Lehigh.EDU>
To: qrp-l@Lehigh.EDU
Cc: kc4atu@yahoo.com
Subject: [154216] Yahoo mail and HTML
Message-ID: <3F11F34F.40303@Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Gang,

Does anyone know how to tell Yahoo mail to send plain text instead of HTML. Please email Bill, kc4atu@yahoo.com if you know how to accomplish this. Thanks!

73

Jim N3VXI

Date: Sun, 13 Jul 2003 19:48:48 -0400
From: Ray Sills <raysills@1stconnect.com>
To: QRP list <qrp-l@lehigh.edu>
Subject: [154217] Re: (AT Sprint) Changing Filter Boards?
Message-ID: <8C11E96F-B58C-11D7-A28C-003065EAB9EC@1stconnect.com>
Content-Type: text/plain; charset=US-ASCII; format=flowed
Mime-Version: 1.0 (Apple Message framework v552)
Content-Transfer-Encoding: 7bit

I vote for that, too.

On Sunday, July 13, 2003, at 05:29 PM, Lee Mairs wrote:

> How about AmQRP or somebody picking up the load and making this kit

> available. I'll bet they would sell a 100 in nothing flat..
> PUHLEEZE!!!
>
> 73 de Lee
> KM4YY/8
>
>
73 de Ray
K2ULR
FN20t1

Date: Sun, 13 Jul 2003 19:52:31 -0400
From: Lee Mairs <lmairs@direcway.com>
To: qrp1 <qrp-1@Lehigh.EDU>
Subject: [154218] Dan's Small Parts
Message-ID: <012501c34999\$d55901f0\$3b6d020a@boomer>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

I just got a bad URL when clicking on my book mark for Dan. Has he moved?
Can any one give me a good URL?
73 de Lee
KM4YY/8

Date: Sun, 13 Jul 2003 19:57:58 -0400
From: Lee Mairs <lmairs@direcway.com>
To: qrp1 <qrp-1@Lehigh.EDU>
Subject: [154219] Found Dan's URL
Message-ID: <012b01c3499a\$98244190\$3b6d020a@boomer>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Opps! Now it works.
Sorry to waste B/W.
73 de Lee
km4yy/8

Date: Sun, 13 Jul 2003 19:58:48 -0400
From: Noah Lorang <NoahLorang@nc.rr.com>
To: qrp-1@lehigh.edu, fpqrp-1@mpna.com
Subject: [154220] Build Times
Message-ID: <5.1.0.14.0.20030713195704.0e94a588@pop-server.nc.rr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Question for those of you who have built a large number of kits.

What's an average build time for some of the more popular/bigger kits?

For example:

MultiPig+
K1
K2

I'm planning on getting a fairly substantial/expensive kit, but my real goal is to find something to eat up spare time, so I'm looking for something that takes the average builder a long time to build.

Any build times on the above, or suggestions of other kits with long build times?

Noah

Date: Sun, 13 Jul 2003 20:18:24 -0400
From: Lee Mairs <lmairs@direcway.com>
To: qrp1 <qrp-1@Lehigh.EDU>
Subject: [154221] T130-2 toroids
Message-ID: <014501c3499d\$73ac2320\$3b6d020a@boomer>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

I've been looking for a source for T130-2 toroids, but so far I've come up empty - no joy at Dan's, Diz, Mouser, and Digikey. Anybody got some to trade/sell, or know of a place other than Amidon?

73 de Lee

KM4YY/8

Date: Sun, 13 Jul 2003 19:20:56 -0500
From: Monty N5ESE <n5ese@io.com>
To: qrp-l@Lehigh.EDU, "Andy Palm" <acpalm@concentric.net>
Subject: [154222] Re: Antenna adventures with my new K1 (long)
Message-ID: <5.2.1.1.1.20030713185056.01f51008@webmail.io.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Andy:

Thanks for relating your great experiences on finding a real multiband antenna for the K1. I've tried a number of them myself (verticals, doublets, end fed wires) and it always seemed there was one band that refused to match using the K1's ATU. As I generally carry a 1:1 and 1:4 balun that mounts conveniently on the back of the K1, the addition of the balun almost always made it possible to match. The downside, of course, was having to carry the extra equipment, partially negating the advantage of an internal ATU.

So, I'm thrilled to hear that an 85 ft end fed wire will match all four bands.

I carry a set of "radials" to use with vertical wires that works great as a counterpoise for the end fed wires, and seems to give good performance. It consists of (4) 32 ft wires and (2) 16 ft wires connected to a common point fed by one 3 ft wire that connects to the K1 chassis. It takes about 3 minutes to lay the radials down, and about twice that to coil them up when I leave. I use teflon insulated stranded wire, which is extremely easy to handle, and becomes available through one of the list members very cheaply from time to time.

I've done some antenna modeling on end-fed wires and wire verticals using the radial arrangement described. For best gain and radiation angle for domestic use, the "inverted L" arrangement you described gives best performance. Get the vertical portion at least 20 feet up (30 is better) and you'll be rakin' in the Qs. Field tests seem to bear this out. If your targets are DX, the 32 foot wire vertical is your best performer, for low radiation angle (but you'll need that 1:4 balun on 20M). But for domestic use, the inverted L will win out every time.

Best overall (for the 4-band K1) is a 66 ft or 88 ft doublet, but only if

you can get it up about 30 ft at the center. This will provide the best gain overall, but if you can't get it up high enough, it seems like the counterpoised inverted L end-fed wire works better.

And from now on, I'll make it 85 ft, and leave the baluns at home ;-)

72,
monty N5ESE

At 07:03 PM 7/13/2003 -0400, you wrote:

>Date: Sun, 13 Jul 2003 11:33:07 -0500

>From: "Andy Palm" <acpalm@concentric.net>

>To: <qrp-1@Lehigh.EDU>

>Subject: [154189] Antenna adventures with my new K1 (long)

>[snip]

>I went to a nice quiet city park I'd seen while biking. I put up the two
>SD-20s with the 76 foot wire (18 feet of which were vertical from the rig to
>the near pole's end) and attached the quarter-wave wires and the antenna
>wire to the K1's BNC connector via alligator clips. This setup tuned 30 and
>up, but the match with 40 was about 2.5:1. Hmmm. Although some species of
>biting flies decided that the flesh under my white socks was very tasty, I
>decided to experiment by cutting some off the end of the wire. Oops! The
>SWR on 40 went up, not down. With no extra wire with me, I returned home.

>

>At home I added enough wire to make it 85 feet in total length. I then ran
>out to a state park and set the whole thing up again. The 85 foot wire
>tuned great on all four bands. Yippee! So the K1 ATU gave a good match
>with an 85 foot wire, working out to 18 feet vertical on one end and 67 feet
>horizontal at 20 ft. As a CW contest was raging on 20 and starting to show
>up on 40, I had a half-hour contact on 30 meters with Jeff, KC2JDU, who was
>in NY. Oh, and another species of biting fly found me, too. The joys of
>operating in the field.

>

>So now my "very portable" station will have two antennas, the Norcal doublet
>with BLT, and an end-fed wire with quarter-wave ground wires. (For the
>latter, I'll be replacing the alligator clips with banana plugs and a BNC to
>binding post adapter.) I'll carry two SD-20s and two Black Widows and will
>have a choice wherever I go. I've also learned that experimenting with
>antennas can be fun.

>

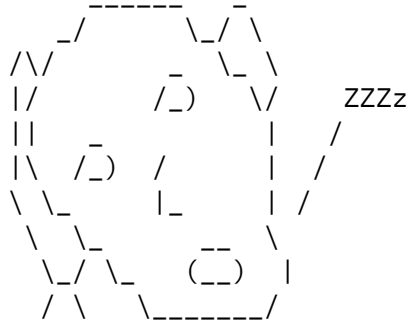
>Best to all,

>Andy N1KSN

>Menasha, WI

'Not all Texans are crazy ... some are just plain LOCO ...'
(and you know the one I'm talking about ;-)

Monty Northrup, N5ESE (ex-N5FC)
Austin, Texas
e-mail: n5ese@io.com
web page (ham): <http://www.dit-dididit-dit.com>
web page (home): <http://www.io.com/~maddog>



Date: Mon, 14 Jul 2003 00:29:09 +0000
From: "Bruce Prior" <n7rr@hotmail.com>
To: unlisted-recipients;; (no To-header on input)
Subject: [154223] Post WARC-03 Thoughts
Message-ID: <BAY1-F13HUTOS8vu6N500007c47@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Since the Morse requirement has been eliminated by the ITU for Amateur Radio stations operating below 30 MHz, I would suggest that the amateur community consider carefully our options here in the USA. I will admit one bias: I very much hope that CW operation will continue to be allowed where it is now, and that some spectrum will still be reserved for exclusive CW operation. To get the ball rolling and to stir some comment, I'm offering the following suggestion for restructuring licensing in the USA:

1. The 5 WPM Morse requirement should be retained for Extra Class.
2. The 5 WPM Morse requirement should be eliminated for General Class.
3. All current Advanced Class Radio Amateurs should be converted automatically to Extra Class.
4. All current Technician and Technician Plus Radio Amateurs should be converted automatically to General Class.
5. All current Novice Class Radio Amateurs should retain all of their current UHF and above privileges and also be given spectrum and mode privileges which are the same as General Class below 30 MHz, but with a lower power limit.
6. The General Class written examination question pool be reviewed and in

general revised to include approximately the same material now included in both the Technician and General Class written examinations.

7. The HF allocations which are currently assigned to CW only for Novice and Technician Plus operators be re-allocated to allow some more voice operation spectrum as well as more digital operation spectrum, as well as still allowing CW operation. All new voice spectrum should be granted exclusively to Extra Class operators.

73, Bruce Prior N7RR

The new MSN 8: advanced junk mail protection and 2 months FREE*
<http://join.msn.com/?page=features/junkmail>

Date: Sun, 13 Jul 2003 20:43:11 -0400
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@lehigh.edu
Subject: [154224] LOBSTERCON
Message-ID: <3.0.6.32.20030713204311.007ed540@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Just got back from Lobstercon and it was a blast. Significantly bigger crowd this year than last, despite all the rain Friday. Thankfully, the rain tapered off after dark and Saturday was a wonderful day. We did have another quick shower - but it came after dark and after the major event of the weekend - so much lobster even this crowd couldn't eat it all!

Seab, AA1MY, brought his big kite again. A sizable ground crew was needed to launch the kite and then attach a 20M vertical dipole. Quite a show in it's self <g> The antenna was then used to make a fair number of DX contacts in the CQWW contest- using 3.5 watts SSB.

As promised, Dave Bension of SWL brought up a big box full of new 30M Rockmites to hand out to everyone in attendance. Thanks Dave! I managed to build one this morning before packing up and worked K1T picnic table to picnic table with it. Amazing DX of 20 feet :-) (using 12" clip lead for antenna!)

But the real treat of the weekend was just hanging out with fellow QRPers, wandering around and checking out the amazing array of antennas, rigs and assorted accessories scattered around the camping area.

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Sun, 13 Jul 2003 20:42:39 -0400
From: "sslyon" <sslyon@megalink.net>
To: "qrp list" <qrp-l@lehigh.edu>, "NEQRP LIST" <neqrp@jonal.net>
Subject: [154225] LOBSTERCON
Message-ID: <002301c349a0\$d4238b00\$0ac8e742@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

What a great turnout and 'fest! The weather wasn't generous, but not fatal, either and sure didn't dampen the spirits at all. Too tired to go into great detail at the moment, but more later. Suffice it to say that the features exceeded all expectations and that the event was rewarding enough to ensure a 2004 Lobstercon -even before recuperating.

We did get on the air, but:

- a.) We seemed much more interested in socializing/eating than keying and swatting mosquitoes.
- b.) The CQ thingie killed us on non-WARC, condx were poor anyway and activity was really low.

We did managed to work a page full of candidates, tho, for the custom LOBSTERCON QSL card. Mostly operated on Sunday, when activities slowed down as folks packed up to leave. A fitting close to the K1T outing was contacting Ron, WB3AAL on the A-T! Thanks, Ron!

We owe a great deal to so many, but especially:

- 1.) Rex Harper, Lobstercon originator and with his charming daughter Katie kept 2003 going from beginning to end:
- 2.) Bill Legge who, along with a little help from his friends orchestrated a magnificent feast of maybe 100 lobsters, corn on the cob and fixin's. You'll see an impressive battery of four steamers blowing approx. half a million BTU's for our benefit!!

Many pictures were taken and will be posted soon on a web site to be revealed shortly. I'll just say the photos alone will be enuff to convince some reluctant travelers to make it next year.

More later, folks... I'm bushed.

73/72

seab

aa1my

Seabury & Sharon Lyon
99 Sparrowhawk Mtn Rd
Bethel ME, 04217 U.S.A.
207-836-2576

Virus Protection by Norton and ZoneAlarm

Date: Sun, 13 Jul 2003 17:58:24 -0700
From: K7V0 <k7vo@earthlink.net>
To: john_k7fd@cablespeed.com
Cc: qrp-1@lehigh.edu
Subject: [154226] Re: 40M Notes from ARRL Letter
Message-ID: <20030713175824.2e1a9e5d.k7vo@earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

On Sun, 13 Jul 2003 16:00:57 -0700
"John_K7FD" <john_k7fd@cablespeed.com> wrote:

>
> So be honest with yourself if you're one of the ones who embrace no
> code. Regardless of its value today, the REAL reason you're
> celebrating CW's demise is you won't have to expend the effort to
> learn it.

I embrace no-code and I will gladly make a CW sched with you. You'll
have to QRS to 30WPM though. When would be good for you? Which band?

I am not celebrating CW's demise. I just don't see the point in forcing
people to learn it. You say it keeps nobody except the lazy out of the
hobby. Tell me? As a kid, would you bother learning something you saw
no use for and had no interest in? It isn't laziness, it's lack of
relevance to today's world.

Like it or not, no code is here as Mike clearly and concisely posted.
You can decide to share your enthusiasm with the kids you are talking
about, or else you can put them down and tell them they're not really
hams because they didn't come into the hobby the same way you did. Tell
me: which is better?

72/73,
Caity
K7V0

Date: Sun, 13 Jul 2003 17:56:31 -0700 (PDT)
From: Lee Boulineau <n4mvl@yahoo.com>
To: raysills@1stconnect.com,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [154227] Re: (AT Sprint) Changing Filter Boards?
Message-ID: <20030714005631.54962.qmail@web21204.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

A third vote - is it unanimous??

Lee N4MVL

--- Ray Sills <raysills@1stconnect.com> wrote:
> I vote for that, too.
>
>
> On Sunday, July 13, 2003, at 05:29 PM, Lee Mairs
> wrote:
>
> > How about AmQRP or somebody picking up the load
> and making this kit
> > available. I'll bet they would sell a 100 in
> nothing flat..
> > PUHLEEZE!!!
> >
> > 73 de Lee
> > KM4YY/8
> >
> >
> 73 de Ray
> K2ULR
> FN20t1
>

Do you Yahoo!?
SBC Yahoo! DSL - Now only \$29.95 per month!
<http://sbc.yahoo.com>

Date: Sun, 13 Jul 2003 18:01:49 -0700
From: Steve Smith <sigcom@juno.com>
To: raysills@1stconnect.com
Cc: qrp-1@Lehigh.EDU
Subject: [154228] Re: (AT Sprint) Changing Filter Boards?
Message-ID: <20030713.180149.3716.2.sigcom@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

In case you hadn't heard, Steve "Melt Solder" Weber has a new outlet for continuation of his kits: The Four State QRP Group. (an outstanding group of builders, BTW).

Currently they are offering only the "Tenna Dipper". Keep your fingers crossed that they kit the AT Sprint.

73.....Steve Smith, WB6TNL
Oxnard, CA USA
"Snort Rosin"

On Sun, 13 Jul 2003 19:48:48 -0400 Ray Sills <raysills@1stconnect.com> writes:

> I vote for that, too.

>

>

> On Sunday, July 13, 2003, at 05:29 PM, Lee Mairs wrote:

>

> > How about AmQRP or somebody picking up the load and making this
> kit

> > available. I'll bet they would sell a 100 in nothing flat..

> > PUHLEEZE!!!

> >

> > 73 de Lee

> > KM4YY/8

> >

> >

> 73 de Ray

> K2ULR

> FN20t1

>

>

>

The best thing to hit the internet in years - Juno SpeedBand!

Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Sun, 13 Jul 2003 21:11:15 -0400
From: Al Scanandoah <k2zn@rochester.rr.com>
To: lmairs@direcway.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [154229] Re: T130-2 toroids
Message-ID: <3F120333.3010406@rochester.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Depending upon how many you need, you can try <http://www.micrometals.com/>

I don't know what their minimum order is.

72 - Al, K2ZN

Lee Mairs wrote:

> I've been looking for a source for T130-2 toroids, but so far I've come up
> empty - no joy at Dan's, Diz, Mouser, and Digikey. Anybody got some to
> trade/sell, or know of a place other than Amidon?
> 73 de Lee
> KM4YY/8
>
>
>
>

Date: Sun, 13 Jul 2003 20:21:13 -0500
From: Terry Bassett <mutabut@net66.com>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [154230] Re: Post WARC-03 Thoughts
Message-ID: <3F120589.2010107@net66.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Hello to All,

It has been my humble opinion for some time now that Morse code usage

should be presented as available to all. By this I mean that it should be allowed on all our freqs, except the new 60 meter channels, and its use should be encouraged the elimination of all the artificial barriers of Class licensing. Simply put, those who have learned the fun of it shoould be allowed to use it on any of the frequencies. Knowing full-well the digital and SSB types will scream at this concept. I figure the best we can do for ourselves is to stay in the lower areas of each of our bands and at the same time eliminate the restricted by Class zones, i.e. Extra, Advanced, General and Novice portions. Simply a continuous cw area for all who wish to use cw.

my .02 cents

73

Terry KA9TXE

Date: Sun, 13 Jul 2003 21:24:53 -0400
From: "w8diz" <w8diz@cinci.rr.com>
To: "Noah Lorang" <NoahLorang@nc.rr.com>, <qrp-1@lehigh.edu>, <fpqrp-1@mpna.com>
Subject: [154231] Re: [fpqrp] Build Times
Message-ID: <000c01c349a6\$baef9c90\$b8cf1d41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

This one makes me smile.

The K1 and K2 are great kits...I've built both...
but if you really want to take your time, check out
the multiPIG+. It's not your fathers kit, LOL.
This one will take months. Ask the gang that have built it.
Only 15 kits on the air so far and average build time
is about 6 months. <big grin>

<http://partsandkits.com/serial.asp>

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39:13:05N 84:18:18W
RIG:multiPIG+ ANT:470 FT Horiz Loop <http://kitsandparts.com>

----- Original Message -----

From: "Noah Lorang" <NoahLorang@nc.rr.com>
To: <qrp-1@lehigh.edu>; <fpqrp-1@mpna.com>

Sent: Sunday, July 13, 2003 7:58 PM
Subject: [fpqrp] Build Times

Question for those of you who have built a large number of kits.

What's an average build time for some of the more popular/bigger kits?

For example:

MultiPig+
K1
K2

I'm planning on getting a fairly substantial/expensive kit, but my real goal is to find something to eat up spare time, so I'm looking for something that takes the average builder a long time to build.

Any build times on the above, or suggestions of other kits with long build times?

Noah

-To unsubscribe, mail to majordomo@fpqrp.com, msg: unsubscribe fpqrp-l -

Date: Sun, 13 Jul 2003 20:29:40 -0500
From: KD5NWA <KD5NWA@cbayona.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [154232] Re: [ham] Re: 40M Notes from ARRL Letter
Message-ID: <5.2.0.9.0.20030713202416.00aa2768@127.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

My club didn't have anyone who was competent enough to operate CW, I asked other clubs in nearby areas, and it was the same story.

At 09:03 PM 7/13/2003, Jim and Jade wrote:

>Very good tongue in cheek answer that covers it well Caity.
> Time marches on and the new techs that were patiently shown the cw
>operations
>at FD are anxiously waiting some training/elmering at next club meeting, its

>cool when
>they don't have to plus someone will show/teach the interested.
> 72 Jim
>
>
>----- Original Message -----
>From: "K7VO" <k7vo@earthlink.net>
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Sent: Sunday, July 13, 2003 2:26 PM
>Subject: Re: 40M Notes from ARRL Letter
>
>
> > On Sun, 13 Jul 2003 12:15:55 -0400
> > Rick McKee <kc8aon@juno.com> wrote:
> >
> > > This is sad news for amateur radio !
> >
> > Oh, indeed it is. *IF* the FCC drops the code requirement what will we
> > use for a hazing ritual to enter the ham radio fraternity? Sure, CW
> > isn't necessary to be a good ham, but doggone it I had to pass a 13WPM
> > CW test to get HF privileges, and so should everyone else. I mean, so
> > what if CW is obsolete except as a hobbyist and historical mode? New
> > hams should understand vacuum tube design principles too, just like the
> > oldtimers did. New digital modes? Questions on those? PAH! Make 'em
> > learn the old fashioned way. Who cares about new technologies! Besides,
> > without the CW hazing ritual ham radio will be little better than CB. I
> > don't want CB riff raff crowding the fine operations that go on nightly
> > on 75m SSB. Heaven forbid!</sarcasm>
> >
> > CW will not die, and the lack of a CW requirement won't mean the end of
> > the CW bands. If you love CW share that passion with new hams and
> > encourage them. Now that newcomers won't be force fed CW and we'll
> > actually have to tout it's virtues we will find that it's easier, not
> > harder, to get them interested in CW.
> >
> > This change is overdue.
> >
> > Flames will be forwarded to /dev/null
> >
> > 72/73,
> > Caity
> > K7VO
> > who really likes the way her new call sounds in CW
> >

Cecil
KD5NWA

Date: Mon, 14 Jul 2003 01:34:19 GMT
From: Wayne_W5KDJ <w5kdj@juno.com>
To: w0eb@cox.net
Cc: qrp-1@Lehigh.EDU
Subject: [154233] Re: Fox Hunt
Message-ID: <20030713.183444.516.396639@webmail04.lax.unttd.com>
Mime-Version: 1.0
Content-Type: text/plain

Clean sweep here also. AC7A @ 250mw & K0FRP 1w while trying to find someone to work in the contest.

Wayne_W5KDJ
Ex: SV0WWW_TF2WJN *e-QSL*
ARS_1392 ARCI_11325 FP_626
FISTS_10060 SOC_538 ARRL

--- "Jim Sheldon" <w0eb@cox.net> wrote:

Got 'em both again! Yahoo! AC7A was in the mud at first, then the Fists QRM went away and good copy. K0FRP was steady at 559 and no QSB/QRM here today.

Jim, W0EB

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.500 / Virus Database: 298 - Release Date: 7/10/2003

Date: Sun, 13 Jul 2003 20:50:41 -0700
From: "Joe Martin" <km5cw@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [154234] Re: T130-2 toroids
Message-ID: <003301c349bb\$19363200\$a4cd6d0@j4q8u6>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Try www.Palomar-Engineers.com
they will have or should have just about any type you want and a lot of

great info to boot.

73 de KM5CW Joe

----- Original Message -----

From: "Lee Mairs" <lmairs@direcway.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Sunday, July 13, 2003 5:18 PM

Subject: T130-2 toroids

> I've been looking for a source for T130-2 toroids, but so far I've come up
> empty - no joy at Dan's, Diz, Mouser, and Digikey. Anybody got some to
> trade/sell, or know of a place other than Amidon?

> 73 de Lee

> KM4YY/8

>

>

>

Date: Sun, 13 Jul 2003 21:58:49 -0400

From: VA3T0 <hduff@rogers.com>

To: qrp-1@Lehigh.EDU

Subject: [154235] Re: More uP stuff (Nitron)

Message-ID: <3F120E59.40307@rogers.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Transfer-Encoding: 7bit

re: Nitron (68HC908QT/QY) chips

I hasten to say that Mot missed the boat by jumping into
the small scale processor market far too late in the game.

Perhaps they were too busy catering to the big guys
(automakers and the like) by allocating silicon to
them while brushing off the little guys.

Meanwhile the likes of Microchip and Atmel played the
hobby sector well and it paid off bigtime (if you
teethed on a PIC as a hobbiest, what processor will
you probably use when it comes time for micro based
projects in the workplace ?).

That said, it's a shame Mot didn't have the foresight
to include an SCI (serial) port on any of the Nitrons
or I might have dabbled with one just for giggles.

73 de Hugh VA3T0

Date: Sun, 13 Jul 2003 11:41:51 -0700
From: "N4LGH" <n4lgh@waveguide.us>
To: "QRP-L List" <qrp-l@lehigh.edu>
Subject: [154197] More uP stuff

Well, I have to throw in Motorola's new Nitron (68HC908QT/QY) chips. Someone on here made a short post a while ago about Motorola offering their demo board free to a few thousand users - I got in on it and got started with microprocessors. (it's only \$25 anyway)

---clip---

Granted, they only have 8 and 16 pin Nitrons, but again for what I do 6 or 13 IO lines is more than enough for my 'QRP' microprocessing! And, with a free IDE that is fairly robust it fits my ham budget pretty well.

In short, the Nitrons made my introduction to microprocessors quick, easy, inexpensive and very fun.

Tracy N4LGH

Date: Sun, 13 Jul 2003 19:03:47 -0700
From: K7VO <k7vo@earthlink.net>
To: KD5NWA@cbayona.com
Cc: qrp-l@lehigh.edu
Subject: [154236] Re: [ham] Re: 40M Notes from ARRL Letter
Message-ID: <20030713190347.17e88ba1.k7vo@earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

On Sun, 13 Jul 2003 20:29:40 -0500
KD5NWA <KD5NWA@cbayona.com> wrote:

> My club didn't have anyone who was competent enough to operate CW, I
> asked other clubs in nearby areas, and it was the same story.
>
...and that was with the 5WPM code requirement intact.

Our club field day last year had two CW ops, and I was one of them. I never had considered myself qualified, but I guess I impressed some of

the guys. The fact that I ended up doing it, to me, meant they were desperate for CW ops.

It worked out OK, and 80m was wild.

72/73,
Caity
K7V0

Date: Sun, 13 Jul 2003 19:13:56 -0700
From: "Glenn Maclean" <wa7spy@attbi.com>
To: <qrp-1@lehigh.edu>
Subject: [154237] Paddles for sale
Message-ID: <000b01c349ad\$95109e50\$6601a8c0@WA7SPY>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have for sale the following paddles:

Vibroplex Code Warrior Jr Paddle
\$90.00 plus shipping to 95817

G4ZPY Three in one Mini Paddle
\$150.00
Any reasonable offers will be considered

Thanks,
Glenn Maclean WA7SPY

Date: Sun, 13 Jul 2003 22:20:31 -0400
From: "Lawrence Makoski" <Makos327@worldnet.att.net>
To: "Noah Lorang" <NoahLorang@nc.rr.com>, <qrp-1@lehigh.edu>,
 <fpqrp-1@mpna.com>
Subject: [154238] Re: [fpqrp] Build Times
Message-ID: <002e01c349ae\$80c3f950\$f757590c@larrysahyqy001>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Noah!

Want something that eats up spare time? Get married and have a couple of kids! I guarantee you, you won't have any more time for building kits! (Grin!)

73 de Larry W2LJ

W2LJ@arrl.net

<http://www.qsl.net/w2lj>

ARRL Lifemember QRP ARCI #4488 NJQRP #47
FISTS #1469 QRP-L #778 FP #612 QRPP-I #759
ARS #1528

----- Original Message -----

From: "Noah Lorang" <NoahLorang@nc.rr.com>

To: <qrp-l@lehigh.edu>; <fpqrp-l@mpna.com>

Sent: Sunday, July 13, 2003 7:58 PM

Subject: [fpqrp] Build Times

> Question for those of you who have built a large number of kits.
>
> What's an average build time for some of the more popular/bigger kits?
>
> For example:
>
> MultiPig+
> K1
> K2
>
>
> I'm planning on getting a fairly substantial/expensive kit, but my
real
> goal is to find something to eat up spare time, so I'm looking for
> something that takes the average builder a long time to build.
>
> Any build times on the above, or suggestions of other kits with long
build
> times?
>
>
> Noah
>
>
> -To unsubscribe, mail to majordomo@fpqrp.com, msg: unsubscribe
fpqrp-l -
>

Date: Sun, 13 Jul 2003 19:23:23 -0700
From: "john gabbard" <johngabbard@usintouch.com>
To: <mutabut@net66.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [154239] Re: Post WARC-03 Thoughts
Message-ID: <001901c349ae\$e75aca90\$f2861c0c@john>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sounds like an Army with nothing but Privates! Would it work? John KF70M

----- Original Message -----

From: "Terry Bassett" <mutabut@net66.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, July 13, 2003 6:21 PM
Subject: Re: Post WARC-03 Thoughts

> Hello to All,
>
> It has been my humble opinion for some time now that Morse code usage
> should be presented as available to all. By this I mean that it should
> be allowed on all our freqs, except the new 60 meter channels, and its
> use should be encouraged the elimination of all the artificial barriers
> of Class licensing. Simply put, those who have learned the fun of it
> shoould be allowed to use it on any of the frequencies. Knowing
> full-well the digital and SSB types will scream at this concept. I
> figure the best we can do for ourselves is to stay in the lower areas of
> each of our bands and at the same time eliminate the restricted by Class
> zones, i.e. Extra, Advanced, General and Novice portions. Simply a
> continuous cw area for all who wish to use cw.
> my .02 cents
> 73
>
> Terry KA9TXE
>
>
>

Date: Sun, 13 Jul 2003 21:53:50 -0500

From: "George, W5YR" <w5yr@att.net>
To: <w5kdj@juno.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [154240] Re: Fox Hunt
Message-ID: <018901c349b3\$2b967480\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Good show, Wayne!

All the other guys got their pair of Sweeps, so the NE-TX Tornados came through once again with two Team Clean Sweeps.

Signals were a chore to work here but "we managed."

I heard some of the guys working you in the test so knew you were active . .
.

Thanks for the points!

73/72, George
Amateur Radio W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13QE
"In the 57th year and it just keeps getting better!"
<mailto:w5yr@att.net>

----- Original Message -----

From: "Wayne_W5KDJ" <w5kdj@juno.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, July 13, 2003 8:34 PM
Subject: Re: Fox Hunt

>
> Clean sweep here also. AC7A @ 250mw & K0FRP 1w while trying to find
> someone to work in the contest.
>
>
> Wayne_W5KDJ
> Ex: SV0WWW_TF2WJN *e-QSL*
> ARS_1392 ARCI_11325 FP_626
> FISTS_10060 SOC_538 ARRL

Date: Sun, 13 Jul 2003 21:55:57 -0500
From: "George, W5YR" <w5yr@att.net>
To: <mutabut@net66.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [154241] Re: Post WARC-03 Thoughts
Message-ID: <019801c349b3\$78198d60\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Terry, with few if any exceptions CW is allowed on any amateur frequency. I am rusty on the regs but "it used to be that way!" <:}

73/72, George
Amateur Radio W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13QE
"In the 57th year and it just keeps getting better!"
<mailto:w5yr@att.net>

----- Original Message -----
From: "Terry Bassett" <mutabut@net66.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, July 13, 2003 8:21 PM
Subject: Re: Post WARC-03 Thoughts

> Hello to All,
>
> It has been my humble opinion for some time now that Morse code usage
> should be presented as available to all. By this I mean that it should
> be allowed on all our freqs, except the new 60 meter channels, and its
> use should be encouraged the elimination of all the artificial barriers
> of Class licensing. Simply put, those who have learned the fun of it
> shoould be allowed to use it on any of the frequencies. Knowing
> full-well the digital and SSB types will scream at this concept. I
> figure the best we can do for ourselves is to stay in the lower areas of
> each of our bands and at the same time eliminate the restricted by Class
> zones, i.e. Extra, Advanced, General and Novice portions. Simply a
> continuous cw area for all who wish to use cw.

> my .02 cents
> 73
>
> Terry KA9TXE
>

Date: Sun, 13 Jul 2003 21:52:47 -0500
From: Bill Stietenroth <k5zty@juno.com>
To: k7vo@earthlink.net
Cc: qrp-l@Lehigh.EDU
Subject: [154242] Re: 40M Notes from ARRL Letter
Message-ID: <20030713.215935.-1445973.2.k5zty@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

At this point, no license requirements have changed. The only thing that was changed is the international requirement for morse code has been dropped. The requirement for morse code proficiency has been left up to the individual countries. Until the FCC changes the requirement in this country nothing has changed for us.

Bill, K5ZTY,
Houston, TX

Date: Sun, 13 Jul 2003 19:57:59 -0700 (PDT)
From: Gary Slagel <gdslagel@yahoo.com>
To: QRP L <qrp-l@Lehigh.EDU>
Cc: Andy Palm <acpalm@concentric.net>
Subject: [154243] Re: Antenna adventures with my new K1 (long)
Message-ID: <20030714025759.2041.qmail@web11603.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Andy,

Good job on the 85' wire!

I use a 'w3edp' antenna with my k1 with great success.
The w3edp is basically an 83' long wire fed against a
16' counterpoise. My k1 autotuner won't tune all 4
bands (15/20/30/40) when I use the 16' counterpoise
but if switch the 16' with a 33' counterpoise I can

easily tune all 4 bands between the 2 different counterpoise. Off hand, I can't tell you for sure what counterpoise I use for which bands but I know I can tune 3 of the 4 with either counterpoise and all 4 between the 2. I use the thing for backpacking... best thing I can come up with for weight vs performance! And... I can throw that 83' of wire up in any ol' configuration... zig zagged back and forth, up and down, etc, etc. As long as I get all 83' off the ground it seems to tune. I used it just this past weekend for 2 nites with no problems. It DOES seem to work best if I get the part of the wire closest to the rig in the air the highest.... kind of an inverted L configuration.

Technically, I think you have to run the 16' counterpoise parallel to the radiator if ya wanna call it a w3edp. Somehow simulates a 16' balanced feedline???? Anyway, I'm sure that a google search for w3edp will turn up a bunch of info about it if ur interested. Most important thing is, IT LOADS!

Good luck with ur antenna adventures and ur k1... both great fun!

73,
Gary

--- Andy Palm <acpalm@concentric.net> wrote:
> Greetings, all. After finishing my Elecraft K1 (S/N
> 1615) I decided to see
> what the internal ATU could do on the rig's four
> bands, 40, 30, 20, and 15.
> The results were sort of a good news, (kinda) bad
> news thing, and I thought
> I'd share them with the list.
>
> First I tried using my Norcal doublet. This version
> has 26 foot legs and a
> 25 foot feedline, all from a continuous piece of 24
> ga. speaker wire. I use
> the usual cable tie and snap-swivel (coast-lock
> version) to hook it to the
> center pole, a Sunny Day 20, 20 ft. telescopic
> crappie pole. The ends are
> supported by Black Widow 10 foot telescopic crappie
> poles, with ring
> terminals on the wire and 3 foot nylon twine

> segments with snap-swivels at
> each end. The poles are held by Walmart/Coleman
> tent stakes, minus the
> plastic stuff, inserted through 4 inch long dowels
> of suitable diameter.
> (The standard dowel sizes had to be turned down a
> bit to fit well.)
>
> Since this antenna is balanced and the output of the
> K1 is unbalanced, I put
> an LDG 4:1 balun between the K1 and the antenna.
> With this setup I got poor
> matches on 40 and 30, although 20 and 15 were OK. I
> then removed the balan
> and hooked the K1 directly to the doublet feedline.
> This improved the
> match, but 40 was still about 2.1:1. I then turned
> off the ATU (put it in
> CLS mode) and put in the Norcal BLT. Bingo!
> Excellent match on all four
> bands, with the rear BLT toggle in the up (hi-Z?)
> position, which I believe
> is preferred.
>
> So the doublet tunes best by using the BLT, which is
> natural, since the BLT
> was designed for the NC doublet. All the
> experimenting above was done on
> the front lawn at work (a corporate R&D center),
> which is quite large and a
> great place to try antennas. Bug free during the
> day, too.
>
> With that experience, I also wanted to try an
> antenna with which the K1's
> ATU is sufficient. The Elecraft folks say that the
> ATU was optimized for
> end-fed wires, so that's what I tried. I wanted a
> multi-band antenna, so I
> decided to try a non-resonant wire. Some fooling
> around indicated that a
> length of about 76 feet was non-resonant on all four
> bands. I already had
> some quarter-wave wires for 40 (& 15), 30, and 20 to
> hook to the ground side
> to keep RF down at the rig. I put a cable tie and
> snap-swivel at 18 feet
> from the fed end to hold it to the close support

> pole. I used a ring
> terminal and a foot of nylon twine (snap-swivels at
> both ends) for the far
> support. The supports were SD-20s (I bought two of
> them). The wire was
> again 24 ga. speaker wire (unzipped).
>
> I went to a nice quiet city park I'd seen while
> biking. I put up the two
> SD-20s with the 76 foot wire (18 feet of which were
> vertical from the rig to
> the near pole's end) and attached the quarter-wave
> wires and the antenna
> wire to the K1's BNC connector via alligator clips.
> This setup tuned 30 and
> up, but the match with 40 was about 2.5:1. Hmmm.
> Although some species of
> biting flies decided that the flesh under my white
> socks was very tasty, I
> decided to experiment by cutting some off the end of
> the wire. Oops! The
> SWR on 40 went up, not down. With no extra wire
> with me, I returned home.
>
> At home I added enough wire to make it 85 feet in
> total length. I then ran
> out to a state park and set the whole thing up
> again. The 85 foot wire
> tuned great on all four bands. Yippee! So the K1
> ATU gave a good match
> with an 85 foot wire, working out to 18 feet
> vertical on one end and 67 feet
> horizontal at 20 ft. As a CW contest was raging on
> 20 and starting to show
> up on 40, I had a half-hour contact on 30 meters
> with Jeff, KC2JDU, who was
> in NY. Oh, and another species of biting fly found
> me, too. The joys of
> operating in the field.
>
> So now my "very portable" station will have two
> antennas, the Norcal doublet
> with BLT, and an end-fed wire with quarter-wave
> ground wires. (For the
> latter, I'll be replacing the alligator clips with
> banana plugs and a BNC to
> binding post adapter.) I'll carry two SD-20s and
> two Black Widows and will

> have a choice wherever I go. I've also learned that
> experimenting with
> antennas can be fun.
>
> Best to all,
> Andy N1KSN
> Menasha, WI
>
>

=====

Gary Slagel/N0SXX
Conifer, CO
<http://gds slagel.bravepages.com>

Do you Yahoo!?
SBC Yahoo! DSL - Now only \$29.95 per month!
<http://sbc.yahoo.com>

Date: Sun, 13 Jul 2003 20:08:58 -0700 (PDT)
From: "H. L. Stephenson" <kg6wp@yahoo.com>
To: qrp-1@Lehigh.EDU
Subject: [154244] HW-8 Has been sold
Message-ID: <20030714030858.33844.qmail@web14604.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

The HW-8 is going to a new home.
Thanks for all the interest.
Howard Stephenson
KG6WP

Do you Yahoo!?
SBC Yahoo! DSL - Now only \$29.95 per month!
<http://sbc.yahoo.com>

Date: Sun, 13 Jul 2003 20:26:07 -0500
From: "Pat Armstrong" <aa7fg@gte.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [154245] FS: OHR, Emtech, Paddlette...>
Message-ID: <002f01c349a6\$e808de80\$81bbe343@vectrav1400mt>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Oak Hills Research OHR100A for 30M with ten turn pot and the DD-1 digital dial display (new, factory built). Transceiver recently aligned by OHR and in VG condition... \$150

Paddlette model KP-4 mini iambic paddle/ Tick keyer combo... Great for portable or in the shack in as new condition... \$50

Emtech ZM-2 ATU antenna tuner factory assembled offered as new... \$60

OHR WM-1 QRP watt meter in VG condition... \$50

Thanks, Pat - AA7FG, Oregon

Date: Mon, 14 Jul 2003 03:34:06 -0000
From: "John Sielke" <jsielke@pobox.com>
To: qrp-l@lehigh.edu
Subject: [154246] Re: LOBSTERCON
Message-ID: <3F1224AE.31347.1E5EE49@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

> As promised, Dave Bension of SWL brought up a big box full of new 30M
> Rockmites to hand out to everyone in attendance. Thanks Dave! I managed to
> build one this morning before packing up and worked K1T picnic table to
> picnic table with it. Amazing DX of 20 feet :-) (using 12" clip lead for
> antenna!)

Had hoped to make Lobstercon this year, but a combination of a tension pneumothorax, which no sooner than all OK, the XYL has to go to Oregon for her mother, so "best laid plans." Maybe next year. (100 lobsters would make a nice appetizer ;-)

Glad to hear about the 30M Rockmites. I built one on 10.116 after Atlanticon. Copied a few stations, and getting almost a watt out with a 2N5866 final. Will listen on 30M more with the RM.

John W2AGN

Date: Sun, 13 Jul 2003 23:41:17 -0500 (CDT)
From: Dale Botkin <dale@botkin.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [154247] Re: (AT Sprint) Changing Filter Boards? / CW
Message-ID: <Pine.LNX.4.33.0307132338200.2622-100000@madmax.botkin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Not me, but I'd pay good money to not have to see any more
the-world-is-ending-no CW-requirement vs oh-happy-day-no-CW-requirement
BS. What a tiresome waste of bandwidth. Debate it on QRZ.com or
somewhere, let's not bury THIS list in it too. Sheesh.

On Sun, 13 Jul 2003, Ray Sills wrote:

> I vote for that, too.
>
>
> On Sunday, July 13, 2003, at 05:29 PM, Lee Mairs wrote:
>
> > How about AmQRP or somebody picking up the load and making this kit
> > available. I'll bet they would sell a 100 in nothing flat..
> > PUHLEEZE!!!

72,
Dale - N0XAS
--

It's a thankless job, but I've got a lot of Karma to burn off.
Get a PicoKeyer: <http://www.hamgadgets.com>

Date: Sun, 13 Jul 2003 21:12:36 -0700
From: "Doug Hendricks" <ki6ds@dospalos.org>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [154248] BLT is Repackaged
Message-ID: <03cb01c349be\$2a3ed2c0\$1fdbd7a8@DOUG>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys after several years of producing the BLT tuner, I have run out of the clear plastic covers. So, I decided to investigate the possibility of using an aluminum case. I checked with TenTec, even ordered some of their TP-15 cases to try. Wanted to make sure that the tuner would still work ok, and it works fine. Walter Dufrain, AG5P built a tuner and did extensive testing for me, and reports that all is fine. TenTec wants \$5.50 each for those cases shipped to Dos Palos. Wow, I thought that I could get a custom case made for about that price, and it would be predrilled, which the TenTec case would not have been. Several guys have told me that the hard part of the BLT was the case, and that they wished it would come in a case of its own. I thought about that, and decided to see what I could get done.

Last week I went to San Jose and contacted several sheet metal places. Finally found one that would do the job. The BLT is now going to be packaged in a .062 aluminum case, clam shell style, front and back panels predrilled, and will be held together with counter sunk flat head screws and pem nuts. The size is 3" x 3" x 1 5/8" (Front and back panels are 1.5"). Think of the case for the SST and you get the idea. Also, I have decided that we need a pcboard to replace the Manhattan style construction used in the old tuner. I am having a "Pittsburg Style Board" etched. Pittsburg style means that the pads and traces are etched on the board. All that you have to do is put the parts on the board and solder. The layout is already there, and no pads to glue down.

The case is more than the TenTec one, but certainly worth it in my opinion. But it is going to cause a price increase for the BLT. The new price is \$35 + \$4 shipping and handling US and Canada, and \$6 S&H for the rest of the world. The rest of the tuner is the same. I am currently accepting orders, and will ship in about 2 weeks. I am working on a new manual now, and will put it on the AmQRP website under NorCal Kits as soon as possible.

Please check the amqrp website for more details on the BLT.

Thanks for your support of NorCal and American QRP Clubs. 72, Doug

Date: Sun, 13 Jul 2003 21:48:09 -0700
From: "Thomas Kuehl" <ac7a@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [154249] FOX: AC7A Preliminary 07-13-03
Message-ID: <001301c349c3\$20008060\$120110ac@texas6oef4glwm>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hounds,

Well I guess it was bound to happen during my run as a FOX; 20-meter conditions were dismal during today's hunt. And then there was the QRP contest which I tried to tiptoe around. I apologize to the stations that were lost in the QRM and QSB. Please let me know of any log errors.

This was my last run as the summer FOX for this year. Thanks for all your support!

Regards, Thomas - AC7A (Tucson)

Time UTC	Call	RST Sent	RST Rcv'd	SPC	Name	Power Watts
-------------	------	-------------	--------------	-----	------	----------------

2201	N5IB	559	559	LA	Jim	5
2202	N6GA	559	559	CA	Cam	4
2206	N5ZE	559	559	TX	Lew	5
2209	W5TB	559	559	TX	Doc	5
2210	K0MAX	559	579	MN	Max	5

2212	KG6WP	559	559	CA	Ward	5
2214	KK5NA	559	559	TX	Joe	5
2215	AA50	559	559	LA	Vern	5
2216	K9IUA	559	559	IA	Kevin	5
2219	N5YFC	559	559	LA	Wayne	5

2224	W0MRP	559	559	CO	Gregg	5
2226	W5YR	559	559	TX	George	5
2227	K5JHP	559	559	TX	Bill	5
2228	K5SR	559	559	TX	Dale	5
2229	WB8RTJ	579	559	OH	Jim	5

2233	W6AZ	559	559	CA	Ron	5
2247	WB5EKU	559	559	CA	Don	5
2253	W5KDJ	559	539	TX	Wayne	0.25
2253	W0EB	339	539	KS	Jim	5
2300	NK6A	579	559	CA	Don	5

2306	KJ7HX	339	359	OR	Jerry	5
2309	N5FFF	339	559	LA	Wayne	5
2310	K6XRX	579	599	CA	Reggie	5
2315	K7TQ	579	559	ID	Randy	5
2329	K0FRP/4	559	559	SC	A1-FOX	5

2329	AC7A	559	559	AZ	Tom-FOX	5
------	------	-----	-----	----	---------	---

Date: Mon, 14 Jul 2003 05:48:15 +0100
From: "Leon Heller" <leon_heller@hotmail.com>
To: "Low Power" <qrp-1@Lehigh.EDU>
Subject: [154250] Distributing PCB artwork
Message-ID: <Law15-DAV17pZD5dH1h000053dd@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

When distributing PCB artwork for other people to make a PCB at home, creating a PDF file is the best way to do it, as it may be printed on any printer. However, that is something of a long-winded process as I have to print the artwork to a PS file from the Pulsonix PCB software I use, using a Postscript printer driver, then convert the PS file to PDF using GhostView/GhostScript.

Joe Chavez has recently released the latest version of a free Gerber to PDF utility, which works fine with the Gerber files produced by Pulsonix (it previously had some bugs):

<http://www.swcp.com/~jchavez/gerber2pdf.html>

Gerber files, BTW, are the files used by PCB manufacturers to generate high-resolution artwork in a laser plotter.

The program requires the Python interpreter; a couple of other utilities written in Python are also required.

73, Leon

--

Leon Heller, G1HSM
leon_heller@hotmail.com
http://www.geocities.com/leon_heller

Date: Mon, 14 Jul 2003 08:02:00 -0400
From: "David Porter" <aa3ur@comcast.net>
To: "NJQRP" <njqrp@njqrp.org>,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [154251] NJQRP Kit shipping updates
Message-ID: <NGBBICPOCLKMGIBGGBEACEAJDMAA.aa3ur@comcast.net>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

All remaining orders for Sniffers are shipping this morning.

You can check your status on:

<http://www.njqrp.org/sniffer/snifferorders.htm>

Remember to use the search feature of your browser to find your name. It is lots easier to find it that way.

In addition, all orders for the following kits will also ship this morning:

Islander
Proceedings
Quickie Lab / IOX
SOP

Two SOP's are shipping without the audio frequency annunciator. These will follow as soon as possible.

Thanks for supporting NJQRP,

Dave, AA3UR

Date: Sun, 13 Jul 2003 23:34:25 -0500
From: w9ya <w9ya@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [154252] Re: 40M Notes from ARRL Letter
Message-ID: <200307132334.25290.w9ya@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

And I will be selling the Brooklyn Bridge to anyone thinking they won't be changing.

It will go away. I am sure of it.

It is also a sad moment for me to see that as nothing of a similar commitment to learning a new skill will replace it. And regardless of what anyone may tell me, my life experience is that people don't tend to value that which comes too easily. Perhaps CW is no longer appropriate, but what will take it's place as this commitment/value item ?

Bob
w9ya

On Sunday 13 July 2003 09:52 pm, Bill Stietenroth wrote:
> At this point, no license requirements have changed. The only thing that
> was changed is the international requirement for morse code has been
> dropped. The requirement for morse code proficiency has been left up to
> the individual countries. Until the FCC changes the requirement in this
> country nothing has changed for us.
>
> Bill, K5ZTY,
> Houston, TX

Date: Mon, 14 Jul 2003 05:05:26 GMT
From: psschwarz@kellnet.com
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [154253] Re: Post WARC-03 Thoughts
Message-ID: <20030714050526.11131.qmail@mail.kellnet.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

With exception of 60m, cw is allowed band edge to band edge.

Patrick...KB8RTZ...

George, W5YR writes:

> Terry, with few if any exceptions CW is allowed on any amateur frequency.
> I am rusty on the regs but "it used to be that way!" <:}
>
> 73/72, George

Date: Mon, 14 Jul 2003 09:09:15 -0400
From: Jim Eshleman <jce0@Lehigh.EDU>
To: dale@botkin.org

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [154254] pro-code/no-code, band plans, regulatory matters...
Message-ID: <3F12AB7B.80700000@Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

How much? Just kidding, but we have "discussed" the pro-code/no-code topic to death and it's never a pretty sight, so I'll stop it here. If you like to continue discussing this and other policy issues and regulatory matters, rec.radio.amateur.policy would be a good place, or you could re-live past "discussions" it by looking them up in the archives.

73
Jim N3VXI

> Not me, but I'd pay good money to not have to see any more
> the-world-is-ending-no CW-requirement vs oh-happy-day-no-CW-requirement
> BS. What a tiresome waste of bandwidth. Debate it on QRZ.com or
> somewhere, let's not bury THIS list in it too. Sheesh.

Date: Mon, 14 Jul 2003 05:12:18 -0700
From: "Trevor Jacobs" <kg6cyn@softhome.net>
To: "Andy Palm" <acpalm@concentric.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [154255] Re: Antenna adventures with my new K1 (long)
Message-ID: <002f01c34a01\$2ca2df00\$18e2b3d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Andy and All,

I'm sure you've gotten quite a few responses to your question, but I thought I'd share mine with you. The K1 is a great little rig and my rig of choice for field use at the moment. The fact that I can pack everything into a VERY small package for a complete station is important to me when Hiking and Camping. The need for an external tuner or battery is kind of a hassle in comparison. Plus the weight of the station is manageable. Keeping this in mind, I've played around with a lot of different configurations of antennas for the K1. I have the same bands as you do also (40/30/20/15 - wish that could be 80/40/20/15! ;-). The best that I've come up with for a single support antenna (not always 2 supports / trees) is a 40' Vertical wire with 8 16' radials. I get 1.1:1

or less SWR on all 4 bands. I've worked the East Coast (Maine and Delaware included!), Hawaii, Japan, and Alaska from the bush with this antenna and the K1 at 3 watts with favorable signal reports, so it seems to work quite well. It also goes up fast and tears down fast, so it's what I'd call a "Trail Friendly" antenna. When I'm hiking and want to set up for a few Q's this is important.

Now, for base camp I use a Center Fed Zepp if there are the supports for it. On our latest trip to Big Meadow (North of Lake Isabella/Kernville,CA) there were plenty of really tall trees, so getting the Zepp up 45' with a sling shot was no problem. The Zepp consists of 102' of #22, silver tinned, bright purple (for visibility) teflon insulated copper wire that I picked up from Apex Surplus Electronics (10 Lbs - have no idea on how many feet, but the roll has barely gone down and I've built 3 antennas with it!!!) and 40' of 300 ohm TV twin lead from Radio Shack (the cheap stuff). One other item that I use is a BNC to Binding Posts adapter for both antennas (also the 40' vertical wire antenna is made of the same wire) This antenna also tunes to low SWR ($\leq 1.2:1$) on all the 4 K1 bands with no balun. I was able to check into the Western States Net (QRP CW - Saturday morning 9 AM Pacific time 7.040) and got good reports from the guys. I also had no want for QSO's. Any time I walked over to the rig I either answered a CQ or called CQ and got an answer.

Keep in mind for a multi band balanced antenna, you not only want to keep your radiating elements away from being resonant, but you need to avoid the $1/4$ wave lengths on the feedline as well. I've noticed the same thing on the vertical wire. Avoid resonant lengths. The tuner on the K1 will do a much better job.

Try the 40' vertical wire, I think that you'll like it. Plus it packs up small and is light weight. Hope this helps a bit and let me know how it works out. Also let me know when you go /p and I'll listen for you. I had a nice CW QSO this weekend with Ian K3IMW/6 while he was camping up at Pine Mountain, CA with his FT-817 and a dipole from the YL's condo in Long Beach, CA with a stealth version of the 40' vertical wire and the K1 on 40 meters. It seems to be a nice compromise between portability and performance. It's not going to radiate like a Yagi, but you'll get plenty of RF to radiate. There are pictures of it on my web site. Take care and Good Luck!

73's Trev KG6CYN
<http://www.qsl.net/kg6cyn>

Date: Mon, 14 Jul 2003 06:03:03 -0700 (PDT)
From: Lloyd Lachow <llachow@yahoo.com>
To: "Li'l Piggies" <fpqrp-l@mpna.com>, sidebar a <Sidebar@vk2tips.com>,
a low-energy group <qrp-l@lehigh.edu>,
Subject: [154256] Joy of QRP/P
Message-ID: <20030714130303.67739.qmail@web41011.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Just a brief note, nothing too out of the ordinary...

I went to a wedding over the weekend near Pittsburgh, PA, and brought my K1. I finally got a chance to slip away for a bit yesterday afternoon to play with it, bringing along my cousin Jake, who's 11. He helped me string my 50' wire about 10' high across a couple of branches, and load the batteries into the holder.

Jake had learned the code at one time, in the Scouts, I think. He was delighted with the whole thing. I wrote out a bit of what was going on for him, so he could follow the CW. With no power out, he played with sending his name, and "CQ," with the paddles. Did very well, too!

On 40M/3W, I worked W1AW/3. I'd never worked W1AW before, didn't know they even operated /P! Fun. Then, on 20, I worked IU2HQ! During the QSO, Jake said, "Is he talking to you?" Then he heard him repeating my call - question answered.

I offered to elmer him, if was interested in getting a license. He had a bunch of questions about licensing, and cost of rigs.

Even though the relatives were saying, "ham radio? Talking to people? Hasn't he heard of the internet?" It was a big high point of the weekend for me and Jake.

=====

73, 72 es oo, Lloyd, K3ESE - Reisterstown, Maryland
multiPIG+ #14 - K1 # 00379 - 20/40M Rock-Mites
Hunk o' Wahr - Begali Magnetic Classic Paddles
ARRL - ARS #1301 - QRPParci #11147 - FISTS #8774
FPQRP #476 - QRP-L #2415 - SOC #530

Fun = Skill / Power !

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Date: Mon, 14 Jul 2003 08:08:58 -0500

From: "James P. Osburn, P.E." <j.p.osburn@ieee.org>

To: "List; QRP, QRP Mailing List" <qrp-l@lehigh.edu>

Subject: [154257] Re: [Eastside] QRP ARCI Summer Homebrew Contest

Message-ID: <000a01c34a0a\$856939a0\$9d89cccf@bbbcomputer>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I finished building the Pixie 2 hours before the sprint.
In my rush to get to the park and get on the air I neglected
to bring anything for throwing my long wire up in a tree.
Fortunately Jim, WA9TGO, brought his bow and arrow.
We got the wire up about 1 hour after the sprint started.
My Pixie received well but didn't "get out" very well.
In fact no one could hear me and I didn't work anyone.
Monday morning I found out I had connected the Pixie to
the wrong connector on the transmatch and all my power
was going into the transmatch, not the antenna.
I still claim the 5000 bonus points. I had a good time even
though I didn't work anyone.

Date: Mon, 14 Jul 2003 06:22:26 -0700 (PDT)

From: Lloyd Lachow <llachow@yahoo.com>

To: a low-energy group <qrp-l@lehigh.edu>,
"Li'l Piggies" <fpqrp-l@mpna.com>,

Subject: [154258] K1 Speaker silence

Message-ID: <20030714132226.26935.qmail@web41002.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

I flew to CA with my K1 in my carrion bag last
week, well-padded and cherished all the way. When I
used the rig there, I found that the internal speaker

was silent. I hoped that, somehow, the connector had somehow worked loose, but, alas! it was together. Headphones work FB.

Where/how should I look for the problem? Please reply direct, and TIA!

=====

73, 72 es oo, Lloyd, K3ESE - Reisterstown, Maryland
multiPIG+ #14 - K1 # 00379 - 20/40M Rock-Mites
Hunk o' Wahr - Begali Magnetic Classic Paddles
ARRL - ARS #1301 - QRParci #11147 - FISTS #8774
FPQRP #476 - QRP-L #2415 - SOC #530
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Date: Mon, 14 Jul 2003 06:26:06 -0700 (PDT)
From: Lloyd Lachow <llachow@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [154259] Re: OT Altoids question
Message-ID: <20030714132606.27602.qmail@web41002.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

For Altoids holes, I use a Unibit...a step-drill bit, Home Depot, about \$9. I make a small indent with a nail, with a wood block as a backing, then hold the tin in one hand while slowly drilling with the drill in the other hand. A trial on some scrap metal tells me which step provides the right size hole, and I often stop and try the part between steps, to be sure I don't get to the "too big" step.

Lloyd/k3ese

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Date: Mon, 14 Jul 2003 06:27:18 -0700 (PDT)
From: Lloyd Lachow <llachow@yahoo.com>
To: kc8aon@juno.com,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [154260] Re: 1/2 wave end fed antenna
Message-ID: <20030714132718.17947.qmail@web41008.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Rick McKee <kc8aon@juno.com> wrote:
> I need to clarify my request a little !

Try this:

<http://fermi.la.asu.edu/w9cf/tuner/tuner.html>

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Date: Mon, 14 Jul 2003 06:27:46 -0700 (PDT)
From: Lee Boulineau <n4mvl@yahoo.com>
To: ki6ds@dospalos.org,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [154261] Re: BLT is Repackaged
Message-ID: <20030714132746.62256.qmail@web21203.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Doug,
Even with the price increase, this is still the best
deal in town for a portable tuner that handles
BALANCED lines - and it sounds like the new case may
be a bit more rugged!! As usual, you NorCal guys are
putting out a great kit!!!

73 de N4MVL Lee

--- Doug Hendricks <ki6ds@dospalos.org> wrote:
> Guys after several years of producing the BLT tuner,
> I have run out of the
> clear plastic covers. So, I decided to investigate
> the possibility of using
> an aluminum case. I checked with TenTec, even

> ordered some of their TP-15
> cases to try. Wanted to make sure that the tuner
> would still work ok, and
> it works fine. Walter Dufrain, AG5P built a tuner
> and did extensive testing
> for me, and reports that all is fine. TenTec wants
> \$5.50 each for those
> cases shipped to Dos Palos. Wow, I thought that I
> could get a custom case
> made for about that price, and it would be
> predrilled, which the TenTec case
> would not have been. Several guys have told me that
> the hard part of the
> BLT was the case, and that they wished it would come
> in a case of its own.
> I thought about that, and decided to see what I
> could get done.
>
> Last week I went to San Jose and contacted several
> sheet metal places.
> Finally found one that would do the job. The BLT
> is now going to be
> packaged in a .062 aluminum case, clam shell style,
> front and back panels
> predrilled, and will be held together with counter
> sunk flat head screws and
> pem nuts. The size is 3" x 3" x 1 5/8" (Front and
> back panels are 1.5").
> Think of the case for the SST and you get the idea.
> Also, I have decided
> that we need a pcboard to replace the Manhattan
> style construction used in
> the old tuner. I am having a "Pittsburg Style
> Board" etched. Pittsburg
> style means that the pads and traces are etched on
> the board. All that you
> have to do is put the parts on the board and solder.
> The layout is already
> there, and no pads to glue down.
>
> The case is more than the TenTec one, but certainly
> worth it in my opinion.
> But it is going to cause a price increase for the
> BLT. The new price is \$35
> + \$4 shipping and handling US and Canada, and \$6 S&H
> for the rest of the
> world. The rest of the tuner is the same. I am
> currently accepting orders,

> and will ship in about 2 weeks. I am working on a
> new manual now, and will
> put it on the AmQRP website under NorCal Kits as
> soon as possible.
>
> Please check the amqrp website for more details on
> the BLT.
>
> Thanks for your support of NorCal and American QRP
> Clubs. 72, Doug
>
>

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Date: Mon, 14 Jul 2003 09:28:39 -0400
From: "David Hinerman" <WD8CIV@worldnet.att.net>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [154262] RE: More uP stuff
Message-ID: <000001c34a0b\$d5f05920\$7a032a0a@nyroc.ametek.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I've been a C programmer for years and it was really cool to jump right in
> with simple C code and make some projects work. I could go on and on about
> how CodeWarrior helps with your coding, the syntax help is right there for
> every 'bean' as they call it.
>
> Yeah, I know that assembler is better, but I've never ever tried
> any kind of
> assembler and frankly for what I do there will never be a difference in
> performance.

Tracy,

Assembly is not necessarily better. It's better for certain tasks, true, but
saying assembly is always better is like saying a hammer & chisel are always
better than a jackhammer. Or QRP is always better than QRO. (Flame away
folks!)

For most applications where you don't need every milligram of performance that a processor has, a higher-level language is preferred because it's (usually) easier to understand and maintain. The only times I recommend assembly over C are:

1) When the available compilers don't handle all the features of the processor. Especially with DSP chips, where instructions have to be coded in just the right order to take advantage of some DSP's parallelism. Even then, it's usually possible to code the critical portions in assembly and the rest of it (user interface, comms) in C.

2) When the available compilers don't optimize well enough. Some compilers are really dumb, and will (for example) re-load an index register every time you access a given memory variable, even though the index register hasn't been modified since the last time it was loaded. In most applications, this little bit of extra time won't matter. If it does, you're frequently better off going with a faster processor rather than hand-tweaking assembly code to gain another percent or two.

3) When the compiler doesn't understand what an interrupt is. Many compilers, especially those for embedded processors, will let you mark a function as being an interrupt. The compiler will go ahead and save the CPU state (usually on the stack) in that case. But if the compiler won't do it, you can write an assembly "wrapper" that takes care of the CPU state, calls a C function, then restores the state when the function returns.

> The C compilers I was able to find for most of the
> other chips
> I considered were cost prohibitive.

Uh-huh. Look up the list price on a full-function CodeWarrior license.

> (I'm sure there are free / cheap C compilers for the other processors - by
> using C for your microprocessor stuff it is fairly easy to move
> from chip to
> chip. If one would purchase the expensive C packages that support numerous
> processors, then it would only be a click of a button to change
> microprocessor targets and use the same code.)

Portability among microprocessors is a commonly touted advantage of C, but frankly unless you're making large, complex applications code re-use isn't much help. The task of porting to a new architecture is pretty much a constant amount of work, and sometimes re-writing a small application is faster. Also, ported code can be less reliable because a technique that you KNOW worked before might not work in the new environment due to subtle differences.

Also, the things you most -want- to re-use in a new environment are the most

hardware-dependent: display, serial comms, timers, etc. Those are the very portions that must be re-written.

Now, having said all that, I still recommend learning and using C for embedded programming because it is so widely available. Instead of learning a new language for every processor, you have a common starting point and only need to learn the differences.

> The Nitron chips offer the whole ISP stuff with a very easy
> circuit. I made
> my own programmer and in all have literally only pennies in the setup. The
> chips max out at about 3 bucks in singles at Digi-Key.

Thanks for the reference - I'll look into them!

> The biggest issue for me with the Nitrons is that they have an internal
> clock - you don't need (but can use) external crystal or
> frequency source of
> any kind. That makes the circuits so blasted simple to build it hurts!

Did you grab the wrong end of the soldering iron again? (Grin)

> Granted, they only have 8 and 16 pin Nitrons, but again for what I do 6 or
> 13 IO lines is more than enough for my 'QRP' microprocessing! And, with a
> free IDE that is fairly robust it fits my ham budget pretty well.

Sounds like they've "out-PICed" Microchip!

> In short, the Nitrons made my introduction to microprocessors quick, easy,
> inexpensive and very fun.

For a long time Mot had a reputation for being that way. I'm glad they're still at it.

Dave

Date: Mon, 14 Jul 2003 09:30:53 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: Max Moon <maxmoon@umn.edu>
Cc: QRP List <qrp-l@Lehigh.EDU>
Subject: [154263] Re: Have you been harmed by melting Solder?
Message-ID: <20030714092102.X75585-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Max,

I just read the digest of qrp-l and thought that I would reply to your message.

It was to say the least, one of the most refreshing OT replys that has shown it's face on this list in quite some time.

It proves that some of us can also have humor and at least attempt to keep peace and harmony on the list.

This list is probably one of the very best technical lists on the internet, it would be a great loss to us all if we allow a few individuals ruin it for us all.

Thanks again for the delightful message.

Someone famous once said something about religion being the "Opium of the People" I believe that Melting Solder is the "Opium of Ham Radio" :^}

You know, I once had a "Get a-round-tuit" Box of kits in the Basement. It is now a "Get A-Round-Tuit Basement" :^}

Yet another, Solder Melting fool, having withdraw symptoms. :^}

QRPp Dx Tu (C) 2002

Sir George, The First :^}

72 ES QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -

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Date: Mon, 14 Jul 2003 09:51:46 -0400
From: "David Hinerman" <WD8CIV@worldnet.att.net>

To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [154264] RE: "Eye Ball QSO" Cards - WMF Converter/Editor
Message-ID: <000101c34a0f\$10b63f90\$7a032a0a@nyroc.ametek.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

> I am playing with a software program for printing
> "business cards" on available card stock.
>
> The layout program allows adding titles, text
> fields and images stored as .WMF files.
>
> Looking through some of my clip art collections,
> I have found additional WMF files, but not a way
> to create my own .WMF images.
>
> My plan is to make some "eye ball QSO" cards.
>
> There must be some graphics program which
> will write/export to .WMF format? Or some sort
> of Photoshop add-on?

Brian,

A Windows Metafile (WMF) is usually used for simple graphics - cartoons, clip art, logos, etc. - and contains a "description" of how to draw the graphic (line from here to there, red circle over here, text string down there) rather than the image bitmap itself. Think of it like an Autocad drawing. The advantage is that a single WMF file can be displayed or printed at any size or dot pitch and it will always use the maximum available resolution of the screen or printer. A bitmap graphic, however, will always look grainy if it is displayed at a larger size or a smaller dot pitch than the original file.

As for generating a WMF file, I can't find any programs that claim to. (They may exist, I just haven't found them.) One Web page I found claims that Corel Draw and PowerPoint will let you edit and save them, but I haven't tried it.

I use a business-card program called Rockford
<<http://www.osomin.com/softsupp.htm>> that allows importing bitmap (BMP) and other image files. As far as I know, it'll only print actually business card sized cards, not postcard/QSL sizes. (It'll handle the pre-perforated sheets of card stock nicely, though.)

Dave

Date: Mon, 14 Jul 2003 09:54:48 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [154265] Re: Good Day!
Message-ID: <20030714093110.H75585-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I was not going to reply to this post as I believe that it has been over done already. After a bit of thought, It might be a good place for a new start. What do I mean? Well, first of all I doubt that there is a Good Guy, Bad Guy List. If there were, A lot would be gone, history. etc.

For those who have been around for a while, They will recall that Chuck Adams Removed some individuals for JUST CAUSE in the past. This list is for the benefit of all 2000+ of its users. We all come to it for our own reasons, but most come to learn and share their special talents with others for the benefit of ham radio and QRP in particular.

Here is a question that I would pose. Which List would you like to be identified with? (Yes, that is poor grammar, but that is the way that i speak) :^}

Three rules would be sufficient:

See No Evil, Hear no Evil, Speak No Evil. (READ, DELETE, THINK FIRST!)

I was just thinking that each of you has something valuable to contribute to the group, Why not try a small change of attitude and see how much better this list can be of benefit to us all.

We have lost many talented people from this list over the years, all needlessly.

As I read the latest digest, I see at least two humorous posts, which gives me a glimmer of hope that we are at least starting to move in a positive direction.

Life is short and there are many demands, the search for happiness should not be wasted by getting "Delete Key Syndrome".

Gee I wish I could find some time to melt solder and play with Radios

Again.

One final note of Thanks to all of those who sent me those CD's for Linux.

I have RH 9.0 and SUSE 8.2 now plus STAROFFICE 6.0, Now if I can just find time to put those Hardware bits together and get them up and running.

Here's wishing each of you a happy day.

I have to take my medication and rest now. (Severe Case of Poison Ivy).

Helping when I should have been supervising. :^}

QRPp Dx Tu (C) 2002

Sir George, The First :^}

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Date: Mon, 14 Jul 2003 09:57:55 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <llachow@yahoo.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [154266] Re: K1 Speaker silence
Message-ID: <004601c34a0f5f57d4ba0\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I flew to CA with my K1 in my carrion bag last
> week, well-padded and cherished all the way. When I
> used the rig there, I found that the internal speaker

> was silent. I hoped that, somehow, the connector had
> somehow worked loose, but, alas! it was together.
> Headphones work FB.

In general... For ANY radio with a problem like this, I look at the jack first. The jack is designed to 'switch out' the internal speaker when you plug something else in. It's mechanical. And it's exposed in the sense that something could get 'in' the jack opening and now be 'bound up' in there.

Even more suspicious after transport in baggage that may have small particles of lint or something else that could have gotten into the jack.

Mike

Date: Mon, 14 Jul 2003 11:17:01 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: Bruce Rattray <rattray@gpfn.sk.ca>
Cc: QRP List <qrp-l@Lehigh.EDU>
Subject: [154267] Re: Good Day!
Message-ID: <20030714104436.L75585-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Thanks for you reply.

IMHO, We can each do our part to Help Jim Eshleman, N3VXI, in his efforts to keep the list a desirable place to meet and exchange our thoughts and help each other to gain knowledge and move a little closer to the fulfillment of that search for happiness in life.

One thing that I am sure of, and that is that we are all very fortunate to have such a dedicated and fairminded individual administering this very active list. Not many could do it for so long or so well.

I was only recently mentioning the Great QRP-L List to a new neighbor who is both a Hardware and Software Engineer. I already gave him a large Sample Package of The QRP Quarterly Journal (QRP ARCI) to share with his

friends at work. They were very favorably impressed. Maybe a few will decide to join the list in the near future.

I was thinking last night that It would sure be interesting if there was a section of the qrp-1 Archives that would have a list of Elmers of a sort.

Something in the way of FAQ's and a List of People with Expertise in various fields of interest. Surely, this must be one of the most talented and knowledgeable lists on the internet. Doctors, Lawyers, Indian Chiefs, and Peons as well. Telephone Man to Rocket Scientist, we are all here.

I have often wondered about the Professions and Talents of the various Unique Individuals who make up this very special list.

Maybe Jim could create a way for each of us to share our Occupations, Professions and Talents in something of an Elmer's List?

One thing I am very sure about, I can learn more here than I can ever repay. Not to say that I don't have a few talents myself, but they are pale by comparison to some who lurk among us.

As I reflect on the past of the list, I wonder at how many wonderful talented individuals we have lost from the list due to the mean spiritedness of a few individuals. The sad part is even some of the Bad Boys who were removed in the past had some Special Talents themselves.

It is a shame that they chose not to share them with us.

Thanks again for your note.

I will add my special thanks to Jim for working so hard to keep us all together and provide us with this wonderful opportunity to share our knowledge and humor with each other for so many years. It is a tribute to Lehigh University to have this list for so long. It has truly become the "Watering Hole of Knowledge" for many of us who did not have the opportunity to achieve a Higher Education. When I was quite young, I was almost adopted by a Great Doctor here in Maryland, Dr. BIRD funder of the hospital where I was born. Maybe I could have become a Brain Surgeon?

Still, I am happy with the Talents that GOD has given to me. I only hope that I can continue to develop them and maybe even add one or two on the way.

GBU ES URS QRPp & QRP-L Forever!

QRPp Dx Tu (C) 2002

Sir George, The First :^}

72 ES QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -

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George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117

On Mon, 14 Jul 2003, Bruce Rattray wrote:

>
> ...Very well said Sir George...72/73 - Sir Bruce (VE5RC+VE5QRP)
>
> ..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
> A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
> - VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
> "QRP! How sweet it is!" "I am da man wit "DAH" paddle!"
>
>
>

Date: Mon, 14 Jul 2003 10:33:35 -0500
From: "George, W5YR" <w5yr@att.net>
To: <WD8CIV@worldnet.att.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [154268] Re: "Eye Ball QSO" Cards - WMF Converter/Editor
Message-ID: <001c01c34a1d\$4ae64da0\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Strictly unprofessional, but I have made both business card eyeball-QSO cards and regular QSL cards with the appropriate Avery card stock and the WordPerfect program. Word would probably do as well.

Avery 5388 contains 150 white 3"x5" index cards while 5371 contains 250 white business cards 2" x 3-1/2". Both are for laser printers on 8-1/2 x 11 sheets.

For my QSL cards I run the laser-paper forms through an ink jet printer first to print a color scene with callsign, etc. Then I run the form through the laser printer to put the report form, station info, etc. on the back side in black and white.

I have found no problems in creating the text, etc. for the business cards, but the two-sided QSL cards took a little doing to get the registration acceptable.

WordPerfect, and Word, will allow almost any formats of photos and graphics to be imported into the document and considerable freedom in arranging the "page" contents to suit.

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas

Fairview, TX 30 mi NE of Dallas in Collin county EM13QE

"In the 57th year and it just keeps getting better!"

<mailto:w5yr@att.net>

----- Original Message -----

From: "David Hinerman" <WD8CIV@worldnet.att.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Monday, July 14, 2003 8:51 AM

Subject: RE: "Eye Ball QSO" Cards - WMF Converter/Editor

> Brian,

> I use a business-card program called Rockford

> <<http://www.osomin.com/softsupp.htm>> that allows importing bitmap (BMP) and

> other image files. As far as I know, it'll only print actually business card

> sized cards, not postcard/QSL sizes. (It'll handle the pre-perforated sheets

> of card stock nicely, though.)

>

> Dave

>

Date: Mon, 14 Jul 2003 11:39:12 -0400
From: Howard Friedman <haf47@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [154269] Buzza Key Info Needed
Message-ID: <20030714.113914.-293471.1.haf47@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello to all and tnx for reading this note.

I am the proud new owner of a Buzza Products Automatic Key (bug) Model 100 found at a non ham flea market yesterday.

A Google search found mention of it, but not enough info to get an idea of when it was produced or its value.

Does anyone know of a website that may have more info on this key? From the fitted case it is in, I would suspect that it was made in the '50's.

Any help appreciate.

73, Howard WA2AFD

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Date: Mon, 14 Jul 2003 11:56:42 -0400
From: "David Hinerman" <WD8CIV@worldnet.att.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [154270] RE: "Eye Ball QSO" Cards - WMF Converter/Editor
Message-ID: <000201c34a20\$850ebb90\$7a032a0a@nyroc.ametek.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

> Strictly unprofessional, but I have made both business card eyeball-QSO
> cards and regular QSL cards with the appropriate Avery card stock and the

> WordPerfect program. Word would probably do as well.
>
> Avery 5388 contains 150 white 3"x5" index cards while 5371 contains 250
> white business cards 2" x 3-1/2". Both are for laser printers on
> 8-1/2 x 11
> sheets.

Geroge,

Doesn't sound so unprofessional to me. The reason I like Rockford is that it comes closer to registering properly on the pre-perfed stock. It still takes a little tweaking for individual printers, though.

The one thing I wish Rockford would do, that is possible with a general word processor, is to put different data in individual cards within a sheet. Rockford gives you the option of printing one test card per sheet, a full sheet of cards, or a 2x photo master to take to a print shop to have cards professionally printed. But different cards will need at least one sheet per card.

> For my QSL cards I run the laser-paper forms through an ink jet printer
> first to print a color scene with callsign, etc. Then I run the
> form through
> the laser printer to put the report form, station info, etc. on the back
> side in black and white.

That's a great idea. Have you had any trouble with moisture bleeding the ink jet images? I've wondered if a thin dusting of clear Krylon or hair spray would be in order to stabilize the ink. Of course, it'd make it harder to write on the card with a pen.

> I have found no problems in creating the text, etc. for the
> business cards,
> but the two-sided QSL cards took a little doing to get the registration
> acceptable.

I've never tried running perfed stock though the duplexing printer at work, but I'm pretty sure the sides won't register well anyway. It'll take some tweaking, just like the 1-sided printer.

Dave

Date: Mon, 14 Jul 2003 12:02:26 -0400
From: "George Osier" <gosier@twcnny.rr.com>
To: "QRP-L" <qrp-l@lehigh.edu>

Subject: [154271] Mail from ZS4TX neat !!!
Message-ID: <005a01c34a21\$51c2c140\$74883a18@twcnny.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi George

Thanks for the mail. I actually made a note just after our QSO in my log about the fact that I may have broken the call which I did!

Thanks for setting me right.

40 and lower is quite noisy here and it is tough to work QRP stations sometimes! I actually enjoy making the contact with low power stations but in your case I failed you!

You should get a QSL via the buro in this year.

Thanks again for the call.

GL

Bernie, ZS4TX

> We worked last nite during the test on 40 meters !!! Many thanks for your
> patience on getting my call but I think you copied me as "N2JZ"
>
> Worked at 2318 UTC on 40 meter CW. First "ZS" for me on 40 M !!!!
>
> 5 watts here from a Ten Tec Omni D to a G5RV up 20 ft
>
> Many thanks again es 73s
>
> George Osier , N2JNZ

Date: Mon, 14 Jul 2003 10:03:24 -0700
From: Brian Kassel <K7RE@arrl.net>
To: QRP-L <QRP-L@lehigh.edu>
Subject: [154272] ARCI HB Sprint - K7RE
Message-ID: <3F12E25C.4D8D1796@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Folks:

Here is my summary of the event, it was ROUGH!

Brian K7RE

ARCI HB Sprint SUMMARY SHEET

Contest Date : 13-Jul-03
Callsign Used : K7RE
Operators : BRIAN KASSEL K7RE

Category : 5W All Band

Default Exchange : 559 SD NR 3623

BAND	Raw QSOs	Valid QSOs	Points	Mults
40CW	2	2	10	2
20CW	54	54	231	26
15CW	4	4	20	3
Totals	60	60	261	31

Final Score = 8091 points.

Soapbox Comments

Conditions were sub par, lot's of QSB made copying the very low power stations most difficult, and I know that I missed a few. Rig was Elecraft K-2 at 5W. Antennas were 3 band Tribander trapped beam at 45 feet, an 80M horizontal loop at 25 feet, and a vee beam aimed SSE. Tried many times to get some action going on 15M, but only worked 4 stations there. By far, most QSO's were done on 20M. Highlights were working N9NE on 15, 20 and 40M, and KH6B on 20M. It pays to check those other bands! Interestingly, with 60 QSO's total in 4

hours, I usually do about that many
QSO's in the monthly Spartan Sprint
in just 2 hours.

Date: Mon, 14 Jul 2003 11:35:37 -0400
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@lehigh.edu
Subject: [154273] Future AT Sprint rig kits
Message-ID: <3.0.6.32.20030714113537.007c97b0@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I'm flatter by the continued interst in the AT Sprint rig. It's clear that more of these rigs need to be produced, but it will be some time before that happens.

For a number of very good reasons, I will not turn the rig over to a club to kit. A kit like this needs a lot of support and you know who will end up with that job. Yes, me. I'll still have to do all the hard and time consuming work and get little of the reward.

The Class E amplifer which made the rig possible was untried technology for a kit. It has become apparent that this perticular design has one weakness, it's prone to self distruction if one isn't carefull about ensuring a low SWR load. A way to make the transmitter more robust and tolerant of high SWR conditions has to be found before I will make anymore of these rigs.

The DDS chip used in the rig is still a bit hard to get. They currently have a 2 month lead time, so even if I ordered more of them today, it would be months before I got them.

I will not have the time or an oppertunity to do further work on the rig until the fall. It won't be unitl late next winter or early spring before more AT Sprints can be made avaliable. So, hold your horses and in the mean time, hone your SMT assembly skills.

Thank you for your understanding.

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Mon, 14 Jul 2003 12:25:07 -0400
From: "AI2Q" <ai2q@adelphia.net>
To: <haf47@juno.com>,
 "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [154274] RE: Buzza Key Info Needed
Message-ID: <000201c34a24\$7df6a4e0\$7e01a8c0@hq.cmp.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howard, check out <http://www.n4mw.com/cp118.htm> for info on your key.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L #687
<http://users.adelphia.net/~alexmm/ai2q.htm>

.-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of
Howard Friedman
Sent: Monday, July 14, 2003 11:39 AM
To: Low Power Amateur Radio Discussion
Subject: Buzza Key Info Needed

Hello to all and tnx for reading this note.

I am the proud new owner of a Buzza Products Automatic Key (bug) Model
100 found at a non ham flea market yesterday.....

Date: Mon, 14 Jul 2003 16:50:50 GMT
From: hamjoel@juno.com
To: fpqrp-l@mpna.com, qrp-l@Lehigh.EDU
Subject: [154275] LOBSTERCOM
Message-ID: <20030714.095136.13079.23592@webmail11.lax.unttd.com>
Mime-Version: 1.0
Content-Type: text/plain

tHAIR bees many things ah done attended and had sum fun at... however this
Lobstercom ranks up thair with FDIM..

i THINK we all had a good time, kneaux me and my xyl did... got to due hands on

and hands off stuff...

and what make it especially great... things ran on schedule and the food was great... the small biting critters were few... and it all felt like family, at least the better half of the family... :-)

I don't know who isn't gonna get paid this month (gotta pay for lobstercom some way) or how many phone calls we are gonna have to listen too... however it was worth every penny of it...

and a rock might 30 oh joy of joys...i get to buy an new soldering iron and some magnifying glasses....

anyone finding a pair of trifocals, them could be mine... still isn't located my glasses...

more later in Bacon bits.... what a great time...sry for those who missed it this year....the whole event has kinda left me speechless...

KE1LA JOEL
IN MAINE
FREEZIN

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Date: Mon, 14 Jul 2003 16:57:28 +0000
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [154276] HP 415E
Message-ID: <Law9-F1109Zq7yJyexf0000e444@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Anyone know of an on-line manual, schematic or other good resource of information on the HP 415E SWR meter?

I have one of these that has been sitting around on the shelf for a long time (partly because I didn't have the power cord until more recently) and have begun to look into its usefulness. As I understand, the device is little more than a tuned 1000 Hz amplifier with attenuator that is used with either a "crystal" detector or bolometer probe to sense levels of 1000 Hz modulated RF up to microwaves (well, I suppose whatever the limit of the detector). The scale assumes square law detector behavior for SWR readings.

OK, I don't have the probe, cables or anything but should this not work just fine with any point contact or Ge diode probe? Could one not directly attach a reflectometer to this and compare the forward and reflected power sensing

detectors using a QRP modulated signal source (QRP to keep it in square law region)?

Anyone on the list have and use one of these ... that can provide advice and wisdom?

Thanks.

Brad KG6IOE

P.S. on the subject of bolometers, one old microwave text that I have been readings states that 10 mA fuses (yes, fuses) have been used as barretters for RF power measurement.

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Date: Mon, 14 Jul 2003 09:57:29 -0700
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [154277] Re: [fpqrp] Build Times
Message-ID: <20030714165729.GA7987@n7xy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

But many years later, when the kids have left home and you are retired, there's plenty of time to build kits again (although the XYL may have other ideas).

I just wish my eyes were as good as they were 50 years ago when I built my first kit (a Johnson Viking II), but with bifocals, an optivisor and a magnifying lamp I have been able to get several kits together with minimal problems.

73, Bob N7XY

On Sun, Jul 13, 2003 at 10:20:31PM -0400, Lawrence Makoski wrote:

> Hey Noah!
>
> Want something that eats up spare time? Get married and have a couple
> of kids! I guarantee you, you won't have any more time for building
> kits! (Grin!)
>

> 73 de Larry W2LJ
>
> W2LJ@arrl.net
> http://www.qsl.net/w2lj
>
> ARRL Lifemember QRP ARCI #4488 NJQRP #47
> FISTS #1469 QRP-L #778 FP #612 QRPP-I #759
> ARS #1528
> ----- Original Message -----
> From: "Noah Lorang" <NoahLorang@nc.rr.com>
> To: <qrp-1@lehigh.edu>; <fpqrp-1@mpna.com>
> Sent: Sunday, July 13, 2003 7:58 PM
> Subject: [fpqrp] Build Times
>
>
> > Question for those of you who have built a large number of kits.
> >
> > What's an average build time for some of the more popular/bigger kits?
> >
> > For example:
> >
> > MultiPig+
> > K1
> > K2
> >
> >
> > I'm planning on getting a fairly substantial/expensive kit, but my
> > real
> > goal is to find something to eat up spare time, so I'm looking for
> > something that takes the average builder a long time to build.
> >
> > Any build times on the above, or suggestions of other kits with long
> > build
> > times?
> >
> >
> > Noah

Date: Sun, 13 Jul 2003 21:24:26 -0500
From: Lew Paceley <lew@paceley.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Cc: kc8aon@juno.com, Lew Paceley <lew@paceley.com>
Subject: [154278] Re: 1/2 wave end fed antenna
Message-ID: <000001c34a2a\$36379500\$6501a8c0@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=Windows-1252

Content-transfer-encoding: 7BIT

Hi Rick,

As has been already pointed out, there are a couple ways you might go here in choosing a matching network to match your end fed 1/2 wave antennas:

1) L network

I have an older ARRL Antenna Book but the L-network equations are found on page 25-11 of the 16th edition. I can scan and email the page to you if you wish, just let me know. An easier solution is to download a program that calculates the L,C for you given the input impedance (50 ohms) and output impedance of the L-network (2000-3000 ohms). The one I like to use can be found here with lots of other useful programs by G4FGQ:

http://www.btinternet.com/~g4fgq.regp/l_tuner.exe

Note that the program runs in a DOS window.

2) Transformer coupled

As Dan, N7VE, previously said in his posting, a resonant step-up transformer is a straightforward solution. The transformer solution has two constraints: 1) you must have the correct amount of capacitance to resonate the secondary on your frequency of choice and 2) you need to have the appropriate number of windings on the primary and secondary to step up to the 2000-3000 ohm impedance.

You may need to experiment in your selection of the number of primary and secondary turns to find a secondary winding whose inductance you can resonate with the variable caps you have on hand. Start with a windings ratio that will work to step up the impedance as Dan suggested, calculate the inductance of the secondary and then use the same standard parallel resonance formula Dan used to calculate the capacitance needed to resonate the transformer secondary winding on your frequency of choice. Then verify your variable cap has enough range to reach resonance. If the cap doesn't have enough range then adjust the secondary and primary windings in tandem preserving the primary to secondary impedance step-up ratio as best you can. Don't worry about small differences in the secondary impedance. In the real world your antenna might be 2000 ohms or 3000 ohms. This isn't an exact science unfortunately since each antenna environment is slightly different. That why at least one variable element (in this case, the cap) is needed. In the worst case, if you aren't able to achieve a low SWR you may need to adjust the transformer itself.

It looks like Dan provided all the math you need in his example.

One additional resource you might check out is Steve Yate's, AA5TB, page here:
<http://www.qsl.net/aa5tb/efha.html>

Steve includes the schematics and the math.

I've built end fed tuners both using L-networks and transformer-based matchers from 40m through 10m. The number of components is the essentially the same in both cases: a toroid with either one or two windings, and a (variable) cap. I generally prefer the transformer matcher because it provides a bandpass filter characteristic but the "cost" is that one additional winding.

Transformer based matching can get tricky on 10m. Depending on the minimum capacitance of the variable cap you choose, you must use a such a small amount of inductance in the secondary (and correspondingly very few turns in the primary) that the transformer step up ratio can be hard to manage using your standard type 6 toroid cores. Additionally, you must also be very careful about stray capacitance since even a single pF can negatively influence your SWR. I found I needed to be at least 1 foot away to not change the SWR on my 10m matcher! It may be slightly easier (though a similiar challenge exists here too) to use an L-network on the high bands. There's certainly no reason you couldn't use different matching network types for different bands.

I hope this helps! GL on your antenna project.

72/73,
Lew
N5ZE

Date: Mon, 14 Jul 2003 13:25:14 -0400
From: "George Heron N2APB" <n2apb@erols.com>
To: "QRP-L" <qrp-l@lehigh.edu>, "NoVAQRP" <NoVaQRP@topica.com>,
"NJQRP" <njqrp@njqrp.org>, "EPA-QRP" <EPA-QRP@yahooogroups.com>,
Subject: [154279] Four State QRP Group joins AmQRP
Message-ID: <001f01c34a2c\$e99ddf80\$edca9cce@GHLTP4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Last week we alluded to some exciting evolutionary news coming up concerning

the AmQRP and the QRP community. Effective this month, we are very pleased to announce that the Four State QRP Group begins its affiliation with the American QRP Club! Because such an affiliation is much more than just a superficial verbal relationship, we wanted to explain what this means to everyone in QRP.

When the New Jersey and NorCal QRP clubs announced their merger in early June, part of our stated goals was to help the various smaller QRP clubs and to help facilitate regional QRP forums in various parts of the country. We currently have Atlanticon on the east coast (planned, executed and hosted by the NJQRP Club), and Pacificon on the west coast (likewise done by the NorCal QRP Club).

This past spring, the members of the Four State QRP Group (4SQRP) contacted Doug Hendricks requesting some assistance. They had just been told that Arkiecon was no longer going to be held, and they wished to keep a regional QRP conference going in the midwest. Doug agreed to help them, and indeed assisted in getting the rights to kit the popular "KD1JV Tenna Dipper" to help finance the project. He traveled to the area and spent several days with key 4SQRP members helping them with the logistics of kitting a project. It was decided then that the 4SQRP group would host Ozarkcon on April 9th and 10th in Joplin, Missouri. Doug also assisted with the planning and obtaining facilities. The 4SQRP Club has decided to align themselves with the American QRP Club in order to take advantage of the experience and know how of experienced QRPers who have been putting on forums for years.

The assistance comes with no strings attached. The American QRP Club has no desire to control 4SQRP or to tell them how to run Ozarkcon - far from it! We have enough to do in putting on Atlanticon and Pacificon. But we are able to share the experience of our successes in putting on such conferences by answering questions, providing guidance to help ensure a fun and exciting weekend, and even more importantly, providing space on the American QRP Club website for high exposure to QRPers worldwide. We also are prepared to help 4SQRP Group in obtaining new kits to finance future events, just as we did this year with the "Tenna Dipper". Make no mistake about it, Ozarkcon will be an event that is controlled and put on by the 4SQRP Group. They will be making all final decisions. They also will be doing the work, and there is a lot of it to be done. Already, they have geared up and started selling their first kit, a very high quality one at that, the "Tenna Dipper". Proceeds from the sales will pay for the expenses of hosting Ozarkcon. They will be inviting world class speakers to come to Joplin in April to present forums for QRPers enjoyment. It costs money to put on a forum. You have to rent a hall, pay for speaker expenses, etc. If you want to see this QRP forum and others like it succeed, you need to do a couple of things. You need to make every effort to attend (we do guarantee a good time!), and/or you need to purchase one of the kits that the group is offering.

Can other clubs take advantage of affiliating with American QRP Club and

take advantage of the services to help put on their own forum? Well, yes and no. We certainly want to help others get started, but we only have so much time to spend on this part of our mission, and at this time we have decided to only add one forum per year. For 2003, we have chosen to fold in the 4SQR Group and their Ozarkcon QRP Forum. Will we help other clubs with their projects? You bet! We are happy to assist in finding parts sources, suggestions for printing and publishing manuals, details on how to keep shipping costs down, etc. All of these are available from American QRP Club.

Finally, we at the American QRP Club are really excited to announce that there will be a major QRP forum held in the midwest next April hosted by the 4SQR Group and co-sponsored by American QRP Club. We look forward to seeing you there at this inaugural event. We also are very proud to welcome 4SQR as an affiliated American QRP Club. Please check the American QRP Club web page (www.amqrp.org) for further information on 4SQR Group projects and events.

Welcome Four State QRP Group!

72,

The AmQRP leadership team:

Doug Hendricks, KI6DS, email: ki6ds@amqrp.org

George Heron, N2APB, email: n2apb@amqrp.org

Joe Everhart, N2CX, email: n2cx@amqrp.org

Jim Cates, WA6GER, email: wa6ger@amqrp.org

Paul Maciel, AK1P, email: ak1p@amqrp.org

Date: Mon, 14 Jul 2003 13:40:55 EDT

From: ARDUJENSKI@aol.com

To: qrp-l@lehigh.edu

Subject: [154280] Antenna Programs (to determine matching inductance and capacitance)

Message-ID: <148.1573e905.2c444527@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

These are fairly accurate from my experimentation. I use them a lot for doing preliminary antenna work and the results agree fairly closely with EZNEC..
Alan KB7MBI

<http://www.btinternet.com/~g4fgq.regp/page3.html#S301>

Date: Mon, 14 Jul 2003 13:13:13 -0500
From: w9ya <w9ya@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [154281] Re: Future AT Sprint rig kits
Message-ID: <200307141313.13087.w9ya@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Is there a link to the schematics ?

Bob
w9ya

On Monday 14 July 2003 10:35 am, Steven Weber wrote:

> I'm flatter by the continued interst in the AT Sprint rig. It's clear that
> more of these rigs need to be produced, but it will be some time before
> that happens.
>
> For a number of very good reasons, I will not turn the rig over to a club
> to kit. A kit like this needs a lot of support and you know who will end up
> with that job. Yes, me. I'll still have to do all the hard and time
> consuming work and get little of the reward.
>
> The Class E amplifer which made the rig possible was untried technology for
> a kit. It has become apparent that this perticular design has one weakness,
> it's prone to self distruction if one isn't carefull about ensuring a low
> SWR load. A way to make the transmitter more robust and tolerant of high
> SWR conditions has to be found before I will make anymore of these rigs.
>
> The DDS chip used in the rig is still a bit hard to get. They currently
> have a 2 month lead time, so even if I ordered more of them today, it would
> be months before I got them.
>
> I will not have the time or an oppertunity to do further work on the rig
> until the fall. It won't be unitl late next winter or early spring before
> more AT Sprints can be made avaliable. So, hold your horses and in the mean
> time, hone your SMT assembly skills.
>
> Thank you for your understanding.
>
>
> 72,

> Steve, KD1JV
> "Melt Solder"
> White Mountains of New Hampshire
> <http://www.qsl.net/kd1jv/>

Date: Mon, 14 Jul 2003 13:02:18 -0500
From: George Franklin <w0av@juno.com>
To: myetsko@insydesw.com
Cc: qrp-l@Lehigh.EDU
Subject: [154282] Re: K1 Speaker silence
Message-ID: <20030714.130609.-16281087.0.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Guys,

I'm surprised that they let him on the plane with that "carrion."

The smell must have been terrible.

Sorry!

73 de George/W0AV

Date: Mon, 14 Jul 2003 18:12:06 -0000
From: "John Sielke" <jsielke@pobox.com>
To: qrp-l@lehigh.edu
Subject: [154283] Re: ARCI HB Sprint - K7RE
Message-ID: <3F12F276.32233.27070F3@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Don't know how you scrounged up QS0s on 15. I never heard a peep on there.
I did brave 80M static for 1 QS0 to get the HB bonus on that band.

The Sprint was tough. DSW-II worked great on 20, and the faithful old GQ-40 did FB on 40M, but still only 37 QS0s here. I feel better seeing one of the "Big Guns" only had 60 ;-) (Wonder how Bob, N4BP did?)

Called K0FRP/4 several times before the Fox Hunt when he was in the

sprint. He was 599, but didn't hear me. Oh well....

John W2AGN

Date: Mon, 14 Jul 2003 14:12:32 -0400
From: "Noyce, Bill" <william.noyce@hp.com>
To: <qrp-l@Lehigh.EDU>
Subject: [154284] Re: T130-2 toroids
Message-ID:
<6D6463F31027B14FB3B1FB094F2C744703377DFF@tayexc17.americas.cpqcorp.net>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Lots of iron powder toroids here, including T130-2:
<<http://www.cwsbytemark.com/prices/coresrf.php>>
-- Bill, AB1AV

Date: Mon, 14 Jul 2003 14:52:43 -0400
From: Peter Burbank <peterlee@qx.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [154285] Re: K1 Speaker silence
Message-ID: <5.2.0.9.0.20030714144718.009faec0@mail.qx.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

> > I flew to CA with my K1 in my carrion bag last
> > week, well-padded and cherished all the way. When I
> > used the rig there, I found that the internal speaker
> > was silent. I hoped that, somehow, the connector had
> > somehow worked loose, but, alas! it was together.
> > Headphones work FB.

Did you mean carry on bag??? :-)
73 Pete NV4V

Date: Mon, 14 Jul 2003 14:55:07 -0400

From: Ed Tanton <n4xy@earthlink.net>
To: qrp-L Reflector <qrp-l@lehigh.edu>,
noga reflector <nogaqrp@mailman.qth.net>,
Subject: [154286] New Regulations For The Amateur Services WRC-03
Message-ID: <5.2.1.1.2.20030714145225.02a64008@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Thanks to Dr Marvin Moss, W4UXJ, for bringing this release to my attention. I thought you would all like to read it.

P.S. If it's already been on here, I apologize-I surely missed it.

>NEWS RELEASE

>International Amateur Radio Union

>P.O. Box 310905

>Newington, CT 06131-0905 USA

>FAX: +1 860 594 0259

>E-Mail: iaru@iaru.org

>3 July 2003

>

>For immediate release

>

>

>By Michael Owen, VK3KI

>WRC-03 IARU Observer Team Member

>Introduction

>

>On 4th July 2003 the World Radiocommunication Conference, Geneva, 2003 ended
>and on the following day, the 5th July 2003 the new international
>regulations governing the amateur and amateur satellite services, Article 25
>of the Radio Regulations, that had been adopted by the Conference come into
>effect.

>

>

>The language of many provisions in Article 25 as it was before 5th July 2003
>was the language of many years ago, reflecting the priorities, structures
>and attitudes of a time long gone. Provisions such as requiring amateur
>stations to use "plain language", that communications be limited to messages
>"relating to experiments", and remarks "for which by reason of their lack of
>importance, the use of the telegraph service could not enter into
>consideration", the prohibition of "international communications emanating
>from third parties", though that provision "may be modified by special
>arrangements between the interested countries", the requirement for Morse
>Code, and a number of other provisions are to be found in Article 8 of the
>General Radio Regulations annexed to the International Telecommunication
>Convention, Madrid, 1932.

>

>
>The IARU policy was to seek the simplification of the Regulations affecting
>the amateur services by removal of regulations that were no longer
>necessary, the removal of provisions that were redundant because the subject
>matter was covered elsewhere in the Radio Regulations, the updating of
>provisions to reflect today's attitudes and activities, the identification
>of some standards for the qualification of amateurs and the addition of
>provisions that encouraged amateurs to be given the ability to provide
>emergency communications and to encourage the international recognition of
>amateur licences.

>
>
>The Radio Regulations, the international regulations, define the
>fundamentals of the amateur services, and regulate international
>communications between stations in the amateur and amateur-satellite
>services. Administrations may and do make additional regulations, and
>regulate in detail the amateur services in their country.

>
>
>This article compares the previous regulations with the new regulations and
>attempts to identify what is new and what is different. It does not attempt
>to explain why the particular provision was adopted in a particular form,
>which is another story told elsewhere. The numbers used to identify
>provisions are the temporary numbers used by the ITU in the course of the
>WRC.

>
>Banned countries list

>
>The first provision of Article 25, the so called "banned countries" list is
>a provision that is to be found in the 1932 Regulations, and is almost the
>same as the previous regulation except that it is now expressed positively
>rather negatively. The provision reads:

>
>
>25.1 Radiocommunications between amateur stations of different countries
>shall be permitted unless the administration of one of the countries
>concerned has notified that it objects to such radiocommunications.

>
>
>That is a provision that has only a limited effect on most amateurs.

>
>
>The balance of Article 25 is more directly relevant to the day to day
>activities of radio amateurs.

>
>What may be transmitted by Amateur Stations

>
>The old international regulation relating to what an amateur station may

>transmit was as follows:

>

>

>"When transmissions between amateur stations of different countries are
>permitted, they shall be made in plain language and shall be limited to
>messages of a technical nature relating to tests and to remarks of a
>personal character for which, by reason of their unimportance, recourse to
>the public telecommunications service is not justified."

>

>

>This dealt with two distinct matters, the content of messages and the
>encryption of messages.

>

>

>The phrase "messages of a technical nature relating to tests and to remarks
>of a personal character" could be construed unnecessarily narrowly, and did
>not reflect today's world, and the qualifying phrase "which, by reason of
>their unimportance, recourse to the public telecommunications service is not
>justified" was both vague and uncertain, and certainly reflected a time when
>in most countries the common carrier was a government monopoly.

>

>

>So, the old provision was replaced by a new provision as follows:

>

>

>25.2 Transmissions between amateur stations of different countries shall be
>limited to communications incidental to the purposes of the amateur service,
>as defined in No. 1.56 and to remarks of a personal character.

>

>

>The term "incidental to" is wide, certainly not requiring a narrow
>connection with the "purposes of the amateurs service" and as the "purposes"
>of the amateur service set out in the definition are "self-training,
>intercommunication and technical investigations", the subject matter goes
>much beyond "tests". The new provision much more accurately reflects what in
>fact is the subject matter of amateur transmissions today.

>

>Coded Messages

>

>It is assumed that the phrase in the old provision requiring transmissions
>to be in "plain language" meant something transmitted by either voice or
>Morse that anyone could hear and understand. But today amateurs use many
>codes, and so what is meant by the phrase "plain language" could become a
>question in some countries. The language is no longer really appropriate.
>And, in any event a total prohibition is not appropriate as encryption is
>required for the control of satellites by command stations.

>

>

>The requirement is not for "plain language" but a prohibition of messages
>encoded for the purposes of obscuring their meaning.
>
>
>So, the simple phrase in the old regulation was replaced by a new provision,
>as follows:
>
>
>25.2A Transmissions between amateur stations of different countries shall
>not be encoded for the purpose of obscuring their meaning, except for
>control signals exchanged between earth command stations and the space
>station in the amateur satellite service.
>
>
>The IARU had suggested that it would be desirable for the exception to be
>expressed more widely than limited to satellite control signals, but a
>number of countries resisted this for security reasons. Of course the
>provision applies only to international communications. Therefore, repeater
>control signals, which are almost invariably transmitted within a single
>country and so are subject to national rather than international,
>regulation, may be encoded unless prohibited by national regulation.
>
>
>"Third party" messages
>
>One of the most difficult areas was the old provisions dealing with so
>called "third party messages." The provisions were as follows:
>
>
>It is absolutely forbidden for amateur stations to be used for transmitting
>international communications on behalf of third parties.
>
>
>The preceding provisions may be modified by special arrangements between the
>administrations of the countries concerned.
>
>
>That prohibition of international communication on behalf of third parties
>is very wide. What is a communication on behalf of a third party? School
>children speaking to an astronaut is a communication on behalf of a third
>party, as is participation in the Jamboree on the Air. The provision
>inhibited preparation for disaster communication, and indeed, international
>disaster relief communications unless a special arrangements were in place
>between the two countries concerned.
>
>
>The requirement that the prohibition could be modified by "special
>arrangements between the administrations of the countries concerned" was

>slow and clumsy, in many countries involving the ministry responsible for
>foreign relations.
>
>
>The IARU suggested the suppression of both provisions, taking the view that
>each administration was fully empowered to regulate its amateurs, and in
>particular to define what communication could and could not be carried by an
>amateur station both nationally and internationally.
>
>
>Of course, the fundamental requirement that the amateur service is non
>commercial is to be found in the definition of the amateur service and
>Article 25.2 set out above.
>
>
>The new provision reads as follows:
>
>
>25.3 Amateur stations may be used for transmitting international
>communications on behalf of third parties only in the case of an emergency
>or disaster relief. . An administration may determine the applicability of
>this provision to amateur stations under its jurisdiction.
>
>
>The exception to the blanket prohibition for cases of emergency and disaster
>relief is important, and when read with the new provision intended to
>encourage emergency communication by amateur stations will hopefully lead
>administrations to adopt new regulations to facilitate such activities.
>
>
>This second sentence of this provision enables each administration to define
>what is a communication on behalf of a third party, and with whom the
>stations under its jurisdiction may exchange such communications. If the
>other station's administration permits the same communication, then the
>communication may be exchanged internationally.
>
>
>The removal of the requirement for bilateral agreements between countries is
>significant as the new regulation certainly provides the means by which each
>administration can permit many activities, such as disaster relief, practice
>for emergency communication, and educational communications to take place
>internationally.
>
>
>Morse Code
>
>The old regulation that Morse was a requirement for the operators of amateur
>stations below 30 MHz was found in a provision that read as follows:

>
>
>Any person seeking a licence to operate the apparatus of an amateur station
>shall prove that he is able to send correctly by hand and to receive
>correctly by ear texts in Morse code signals. The administrations concerned
>may, however, waive this requirement in the case of stations making use
>exclusively of frequencies above 30 MHz.
>
>
>That was replaced with a provision giving each administration the right to
>decide whether or not Morse is a required qualification as follows:
>
>
>25.5 Administrations shall determine whether or not a person seeking a
>licence to operate an amateur station shall demonstrate the ability to send
>and receive texts in Morse code signals.
>
>
>The alternative of simply deleting the old provision was rejected because a
>number of administrations thought that the matter was so important that a
>positive decision not to require Morse as a qualification was appropriate.
>The effect is actually the same: Morse code is no longer an internationally
>required qualification for an amateur licence, though an administration may
>still require it.
>
>
>The Qualification of Amateurs
>
>Apart from the Morse code as a qualification, the previous regulation
>provided:
>
>
>Administrations shall take such measures as they judge necessary to verify
>the operational and technical qualifications of any person wishing to
>operate the apparatus of an amateur station.
>
>
>This was replaced by a new provision as follows:
>
>
>25.6 Administrations shall verify the operational and technical
>qualifications of any person wishing to operate an amateur station. Guidance
>for standards of competence may be found in the most recent version of
>Recommendation ITU-R M.1544.
>
>
>The reference to the Recommendation is a non-mandatory reference. That is,
>an administration is not bound to follow it, but it is expected that all

>administrations will take the Recommendation into account when setting the
>qualification for an amateur licensee.

>

>

>The Recommendation is very general, for example providing that any person
>seeking a license to operate an amateur station should demonstrate a
>"theoretical knowledge of: Radio regulations, international, domestic", and
>under the heading "Radio system theory", "transmitters, receivers, antennas
>and propagation and measurements." Consistently with the decisions of the
>Conference, the Recommendation does not suggest any requirement for a Morse
>skill.

>

>

>That accords with the IARU position that the Radio Regulations should give
>some guidance as to the qualification appropriate for an amateur licence,
>but should not attempt to set a syllabus, as the diversity of environments
>for which a standard must be set is very great.

>

>

>The identification of a standard, the topics on which knowledge is required,
>reflects one of the essential elements of the amateur service, namely that
>an amateur is a person who has demonstrated an operational and technical
>qualification, distinguishing that amateur from many other users of the
>spectrum.

>

>

>Power

>

>

>The next provision in the new Regulations is:

>

>

>25.7 The maximum power of amateur stations shall be fixed by the
>administrations concerned.

>

>

>That is almost the same as the old regulation, but with the words after
>those words in the old provision being omitted, so the words "having regard
>to the technical qualifications of the operators and to the conditions under
>which these stations are to operate" are no longer part of the provision.

>

>The application of other provisions of the Radio Regulations

>

>

>Again, Article 25.8 is a shortened version of the previous article, and
>reads as follows:

>

>

>25.8 All pertinent Articles and Provisions of the Constitution, the
>Convention and of these Regulations shall apply to amateur stations.
>
>
>That changes the reference to "general rules" to "pertinent" provisions of
>the current ITU documents and omits the sentence "In particular, the emitted
>frequency shall be as stable and as free from spurious emissions as the
>state of technical development for such stations permits." which is
>unnecessary as the requirements apply to amateur stations in any event.
>
>
>In reality, there is no change arising from the different wording. Probably
>the provision is unnecessary in any event, but it offered some assurance to
>administrations that amateurs will abide by all pertinent rules.
>
>
>Call signs
>
>
>Finally, a provision that is the same as the previous provision:
>
>
>25.9 During the course of their transmissions, amateur stations shall
>transmit their call sign at short intervals.
>
>Emergency Communications
>
>
>Then, a completely new provision is included in Article 25, a provision that
>really needs no explanation.
>
>25.9A Administrations are encouraged to take the necessary steps to allow
>amateur stations to prepare for and meet communication needs in support of
>disaster relief.
>
>
>That provision should be read in conjunction with Article 25.3, and it is
>hoped that administrations will make regulations that facilitate amateurs
>preparing for emergency situations and providing communications in
>emergencies and for disaster relief. This was an important IARU objective.
>
>The international recognition of the licences of visiting amateurs
>
>
>A further completely new provision is added to Article 25:
>
>
>25.9B Administrations may determine whether or not to permit a person who

>has been granted a licence to operate an amateur station by another
>administration, to operate an amateur station while that person is
>temporarily in its territory, subject to such conditions or restrictions it
>may impose.

>

>

>This provision has been interpreted by some to mean that an administration
>may, if it wishes, permit a licensee from another country to operate in its
>territory without issuing a licence, as would otherwise be required by
>Article 18 of the Radio Regulations. There is some substance in
>interpretation, as the provision deals with "permissions" and applies only
>to a person temporarily in the territory of the other administration.

>

>

>The interpretation of the provision is, of course, a matter for
>administrations, but hopefully it is a provision that will encourage
>administrations to allow amateurs to enjoy their hobby while travelling by
>recognising the foreign licence. A global recognition would fill in the gaps
>left by the CEPT Recommendation T/R 61-01 and the International Amateur
>Radio Permit of the OAS.

>

>

>The Amateur-satellite service

>

>

>The final two provisions deal with amateur-satellite service, the first
>being unchanged and reading as follows:

>

>

>25.10 The provisions of Section I of this Article shall apply equally, as
>appropriate, to the amateur-satellite service.

>

>

>The next provision is the only operative provision in Article 25 dealing
>with the amateur-satellite service. The previous provision read as follows:

>

>

>Space stations in the amateur-satellite service operating in bands shared
>with other services shall be fitted with appropriate devices for controlling
>emissions in the event that harmful interference is reported in accordance
>with the procedure laid down in Article 22. Administrations authorizing such
>space stations shall inform the IFRB and shall ensure that sufficient earth
>command stations are established before launch to guarantee that any harmful
>interference which might be reported can be terminated by the authorizing
>administration (see No. 2612).

>

>

>The provision was unnecessarily complex, repeating obligations that are

>found elsewhere in the Radio Regulations, particularly Article 22.
>
>
>In the end, the following simplified provision was adopted:
>
>
>25.11 Administrations authorizing space stations in the amateur-satellite
>service shall ensure that sufficient earth command stations are established
>before launch to ensure that any harmful interference caused by emissions
>from a station in the amateur-satellite service can be terminated
>immediately (see No. 22.1).
>
>
>The new provision avoids the repetition in different words of regulations
>that already apply to the stations, and simply requires that sufficient
>earth command stations are established before launch.
>
>The Definition of the Amateur Service
>
>When, in 1996, the IARU commenced its examination of the issues raised by
>placing Article 25 of the Radio Regulations on the agenda of a future World
>Radiocommunication Conference, it very quickly saw that the definition
>remained as relevant and appropriate as it had been over the many years that
>it been a part of the Radio regulations.
>
>
>It is worth setting out that definition for the sake of completeness:
>
>
>1.56 Amateur service: A radiocommunication service for the purpose of
>self-training, intercommunication and technical investigations carried out
>by amateurs, that is, by duly authorised persons interested in radio
>technique solely with a personal aim and without pecuniary interest.
>
>
>Similarly, the definition of the amateur-satellite service remains
>unchanged:
>
>
>1.57 Amateur-satellite service: A radiocommunication service using space
>stations on earth satellites for the same purposes as those of the amateur
>service.
>
>
>The Conference decided that no change was required to those definitions in
>Article 1.
>
>

>Conclusion

>

>The Radio Regulations are the written result of the welding together of the
>different views of different people with different languages and from
>different cultures. It is no doubt easy to say that some of the provisions
>could be expressed more elegantly, and that some of the provisions are not
>necessary.

>

>Of course, it is true that the narrower provisions of the old international
>regulations have not really inhibited the amateur service in many countries,
>with administrations preferring a liberal interpretation. But in the long
>run, the amateur service cannot afford to have countries ignore the
>international regulations. It is fundamental that the amateurs have
>appropriate "operational and technical qualifications." A speed limit that
>is unrealistic and not enforced is going to be ignored. What was appropriate
>in 1932 may not be appropriate in 2003.

>

>In the end it is suggested that the meaning of Article 25 is clear, even if
>expressed in language different from the language suggested by the IARU.
>What is important is the substance, not the form, and it is suggested that
>the changes and additions made to Article 25 by WRC 2003 will meet the needs
>for the future of the amateur service identified by the IARU.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Mon, 14 Jul 2003 19:02:37 +0000
From: "Jeff Imel" <jeffimel@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [154287] Re: Antenna adventures with my new K1 (long)
Message-ID: <Law8-F90Dpd3naq0r8900006a57@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

"Trevor Jacobs" wrote:

<<The best that I've come up with for a single support antenna (not always 2 supports / trees) is a 40' Vertical wire with 8 16' radials. I get 1.1:1 or less SWR on all 4 bands.>>

I have also had great success with a 40' vertical wire. In fact, used one yesterday evening on 40, 30 and 20 meters. The wire and 30' counterpoise were connected to the K-1 through a BNC/Banana Jack connector and I achieved 1.1:1 on 40 meters and 1:1 SWR on 30 and 20 meters. Good signal reports too.

73!

Jeff
KB9ZUR

The new MSN 8: smart spam protection and 2 months FREE*
<http://join.msn.com/?page=features/junkmail>

Date: Mon, 14 Jul 2003 15:33:08 -0400
From: Michael Pupeza <mpupeza@sympatico.ca>
To: <qrp-1@lehigh.edu>
Cc: Mike Pupeza <mpupeza@sympatico.ca>
Subject: [154288] WANTED: HW-8 (Sale or Swap)
Message-ID: <BB387DB3.15183%mpupeza@sympatico.ca>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"

Content-transfer-encoding: 7bit

I was too slow for that last FW-8 that was FS. I didn't check until an hour after it was posted!

Anyway, I am interested in getting one to buy or swap for.

What have I got? Hmmmm!

Almost built 80M Epiphyte 3 - just a few minor parts not on board

MFJ-484 Grandmaster Memory Keyer. Looks good and works fine.

Norcal Cascade 80-20M SSB Xcvr e/w Digital KC-2 Display. Looks good and works fine.

SMK-1 built with the mod to cover TX same as RX

Scorpions keyer kit - unbuilt

Scorpions Stinger Frequency Counter Kit - unbuilt

I'm not really interested in selling these items, but will consider them +-\$ for an HW-8.

73

Mike VE3EQP

P.S. Shipping USA to/from Canada is no big deal. Just needs a sticker on the box, free, from the Post Office!

Date: Mon, 14 Jul 2003 12:34:03 -0700 (PDT)
From: Lloyd Lachow <llachow@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [154289] Re: K1 Speaker silence
Message-ID: <20030714193403.54700.qmail@web41007.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Peter Burbank <peterlee@qx.net> wrote:

>

> > I flew to CA with my K1 in my carrion bag

> last

> > week,

> Did you mean carry on bag??? :-)

> 73 Pete NV4V

>

actually, the carrion is very shock-absorbent,
and tends to be handled very gingerly.

Do you Yahoo!?
SBC Yahoo! DSL - Now only \$29.95 per month!
<http://sbc.yahoo.com>

Date: Mon, 14 Jul 2003 12:34:19 -0700 (PDT)
From: Curt Milton <wb8yyy@yahoo.com>
To: NoahLorang@nc.rr.com,
 Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [154290] Re: Build Times
Message-ID: <20030714193419.73958.qmail@web21401.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Noah,

just a little info - i have built about 10 kits of
differing complexity over the past 5 years ...

K2 about 70 hours roughly.

TT1340 a monoband QRP rig. about 25-30 hours. this
one has a cumbersome means of mechanical assembly.

38S a non-available norcal kit. about 10 hours for
board, a couple more hours to drill holes in an
enclosure, provided by builder. ok some experts on
list are much faster!

note the multi-pig, or something entirely homebrew
could last longer, even a lifetime to refine!

and some folk never find perfection in their rigs, and
they keep modifying them.

another tip - if you plan to work on a project for a
period of time - after each session put it all within
a plastic box with cover to keep it all together. if
you are working on it a lot and you are not working on
a bench, you can even put your tools in the same box.
this method allows us busy folk to find a few minutes
a day to progress on a project.

pick a project that matches your interest and
experience. i would not build a k2 for first kit,
although some folk have successfully. i also try to

build something i actually will operate some, but
there are various opinions on this matter! between
AmQRP, SWL, Tentec, Emtech, etc. there are lots of
opportunities!

curt wb8yyy

--- Noah Lorang <NoahLorang@nc.rr.com> wrote:
> Question for those of you who have built a large
> number of kits.
>
> What's an average build time for some of the more
> popular/bigger kits?
>
> For example:
>
> MultiPig+
> K1
> K2
>
>
> I'm planning on getting a fairly
> substantial/expensive kit, but my real
> goal is to find something to eat up spare time, so
> I'm looking for
> something that takes the average builder a long time
> to build.
>
> Any build times on the above, or suggestions of
> other kits with long build
> times?
>
>
> Noah
>
>

Do you Yahoo!?
SBC Yahoo! DSL - Now only \$29.95 per month!
<http://sbc.yahoo.com>

Date: Mon, 14 Jul 2003 12:44:24 -0700
From: "Doug Hendricks" <ki6ds@dpol.net>
To: <qrp-1@Lehigh.EDU>

Subject: [154291] Volunteer needed for NorCal Keyer Project
Message-ID: <045f01c34a40\$5409da00\$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, I need a volunteer to step forward and help out QRP and beginners. I would like to have someone build a NorCal Keyer, and take pictures of literally every step of the process. The idea is that we would put it up on the AmQRP page, and newbies who have never built the kit could go to the web site, and follow the pictures and text step by step as they built their keyer. Sort of a "virtual elmer". The thought occurred to me this weekend that there are a lot of guys out there who have never built anything. The NorCal keyer kit, at \$15 postpaid, is an ideal first kit. It doesn't have very many parts, it is through hole, and when you get done, you have something that you can use for a long, long time in your hamshack. Hopefully this venture will help the new guys get started in building.

If you are interested in doing this, you need to have the following qualifications:

1. Be willing to do it right away.
2. Have access to a high resolution digital camera that takes close ups of 1 to 2 inches.
3. Be an excellent builder.
4. Be willing to have your work critiqued and edited if need be.

The person selected will receive a free kit to build and keep after they become famous, grin. Guys are always asking how they can help. Hopefully someone out there will step forward. If you are interested please send an email to me with the subject line "NorCal Keyer Elmer Volunteer". Thanks in advance. 72, Doug

Date: Mon, 14 Jul 2003 12:57:03 -0700
From: "John Dooley" <portscom@hotmail.com>
To: <qrp-1@Lehigh.EDU>
Subject: [154292] SCAF-1 filter sold
Message-ID: <Law9-0E25RBbuLEGSa200005089@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to all inquiries,

73 John W6ZIP

Date: Mon, 14 Jul 2003 15:12:22 -0500
From: MIKE SOUHRADA <wb9iog@revealed.net>
To: QRP-L list <qrp-l@lehigh.edu>
Subject: [154293] FS HW 8 ; HWA 7-1
Message-ID: <3F130EA6.5060203@revealed.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Works good & looks pretty good also. Exception, when I got it the top was scratched so I swapped the lower half for the top , much better now.

Also "fixed" the loose plate problem with J&B weld. Tracks extremely well now end to end. Copy of full manual

\$150 + ship 52753

Mike

Iowa

Planning to be in Sugar Grove Ill. this week end for closer look.

Date: Mon, 14 Jul 2003 16:26:00 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <WD8CIV@worldnet.att.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [154294] Re: "Eye Ball QSO" Cards - WMF Converter/Editor
Message-ID: <001501c34a46\$258efd80\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> That's a great idea. Have you had any trouble with moisture bleeding the ink

> jet images? I've wondered if a thin dusting of clear Krylon or hair spray

> would be in order to stabilize the ink. Of course, it'd make it harder to

> write on the card with a pen.

You can go to an arts and crafts shop and look for cans of 'Artists Fixative'. It's a spray used to 'fix' or stabilize charcoals. I wouldn't be

surprised if it works quite well over ink jet prints.

One of the problems with ink jets is the ink is absorbed in the paper. This causes 'bleeding' or a fuzzy print. Hard stock helps to limit this. Glossy photo paper solves it. In fact, glossy paper causes the ink to 'bead up' on the paper and dry in raised balls. These sometimes can stay 'soft' inside for a long time. I've tried baking my prints, but in the long term, I've gotten excellent results with using a hair dryer to blow on my photos gently until they are quite warm to the touch. This seems to bake the ink hard and unless you actually get it wet, it's pretty durable.

Mike

Date: Mon, 14 Jul 2003 17:44:26 -0400
From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [154295] The '703 is HERE!
Message-ID: <BAY1-F45xCMMFhtv5dA0000b327@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Well, gang,
Had to chase the rural mailman's station wagon...but only a half-mile or so...to exchange the yellow USPS slip w/signature for my new Icom IC-703 (hf-only) rig. Hey, I wasn't about to wait 'til tomorrow to pick it up :)

Let me apologize up front to any of y'all who work me on CW while I'm using this thing.
The 'full-break-in' CW keying sounds as bad as it looks in the July 2003 QST review...even at 20 WPM...and lower!
I'm not terribly upset about the keying because I KNEW the characteristics before I plunked down the hard-earned cash. But, my Meissner Signal Shifter has MUCH more pleasant keying than this box.
When I just HAVE to emit clean QSK, I'll use my DSWs/DSW-IIIs, thank you very much.
The semi-break-in keying of the '703 sounds so-so...
And, yes, I was VERY careful about setting up the TS-440S as a keying monitor...
The only good thing about transmitting CW with the '703 is its lovely sinusoidal sidetone.
Sooo...when I'm operating CW with it, I'll not monitor the keying on a

separate receiver...I'll just listen to the '703's sidetone and PRETEND that's what it sounds like to the receiving op!
Ok, sorry to vent about the keying...I'm over it now...

This rig is REALLY cute! The receiver w/Inrad 116 filter sounds sweet. My first contact (CW) with the rig was with Wayne, KB0PCI, somewhere in Minnesota...band condx were up/dn wildly...
Love the feel of the main tuning knob.
WRAD, 1460 AM sounds very nice.
CW/SSB receive audio is crisp.
Hmmm...let's see if this microphone thingy works...

Believe it or not... I LOVE MY ICOM-703!

73.
Bill, N4QA
<http://www.n4qa.com>

The new MSN 8: smart spam protection and 2 months FREE*
<http://join.msn.com/?page=features/junkmail>

Date: Mon, 14 Jul 2003 14:54:28 -0700
From: "Doug Hendricks" <ki6ds@dpol.net>
To: <qrp-1@Lehigh.EDU>
Subject: [154296] NorCal Keyer Elmer is Jim Kortge
Message-ID: <051401c34a52\$7f697fe0\$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jim Kortge, K8IQY, (Mr. Manhattan) has agreed to be the builder for the NorCal keyer kit. I will be sending him the parts tomorrow in the mail. By the way, 14 others volunteered in less than one hour. Thanks to all who responded. I love this list. I also cannot wait to see Jim's work. It will be on the AmQRP web page as soon as he gets it done. Wow!! Jim Kortge, it doesn't get any better. 72, Doug

Date: Mon, 14 Jul 2003 17:18:34 -0500
From: Richard Lim <richlim11@yahoo.com>

To: QRP-L <qrp-l@lehigh.edu>
Subject: [154297] HP Calculator OT
Message-ID: <BB38966A.4200%richlim11@yahoo.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

I know this is OT, but I figured this would be the best place to seek this information. I recently found an HP 41C calculator vintage 1980. Put batteries in it and it works! Does anyone have a manual for the calculator or have a website with programming info? TIA, 72 Rich KQ9L

Date: Mon, 14 Jul 2003 16:29:49 -0600
From: Larry East <wlhue@amsat.org>
To: qrp-l@lehigh.edu
Subject: [154298] Re: QRP-L digest 2980
Message-ID: <5.1.0.14.2.20030714162644.021dfd90@mail.ultrasw.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 07:03 PM 7/13/03 -0400, someone wrote:

><http://www.mindspring.com/~lownoise/www.html>

Hey -- maybe this is just a forewarning of what the world of radio broadcasting is coming to!! :-)

(Nice work -- it even sounds like the real WWV announcer! :-)

Date: Mon, 14 Jul 2003 16:30:40 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-l@LeHigh.EDU>
Subject: [154299] The "QRP-Canada RUN WITH RAC" reminder.
Message-ID: <Pine.LNX.4.33.0307141629340.3762-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Now that the RAC Canada Day contest is over, here is a reminder of the QRP-Canada "Run with RAC" contest rules for those who would like to enter and possibly win a certificate...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

The RAC Contests, which run annually on July 1st (Canada Day) and in December, have proven to be very popular. One of the categories which has enjoyed an increased participation over the last few years has been the QRP category.

The members of the QRP-Canada mailing list have sponsored the QRP plaques for this category for the last 5 years and have just raised the funds for the next 5 years. The plaque goes to the Single Operator who operates on all bands and combines SSB & CW for the highest score.

A number of e-mails have been posted on QRP-Canada promoting a desire to recognize additional QRP categories.

Therefore, QRP-Canada, starting with this year's Canada Day contest, will run a contest in "parallel" with the RAC Summer & Winter events.

All you have to do is operate in the RAC Summer & Winter contests, as you normally would. When each contest is over, just submit a Summary Sheet (example below) within 30 days of the contest ending to:

Bruce Rattray (VE5RC+VE5QRP)
128 Durham Drive
Regina, SK. S4S 4Z2
Canada

...or e-mail to rattray@accesscomm.ca

After the scores have been checked, an announcement of the winners in each category will appear on the QRP-Canada mailing list and also in the TCA magazine.

For the first running of "QRP-Canada RUN WITH RAC", there will be no minimum number of entries for any category.

An appropriate Certificate will be sent to the winner of each category.

Here are the 10 categories:

- QRP-Canada RUN WITH RAC categories -

SOAB - LP - [1 w. output max] - SSB only.
- single operator, all bands, low power, 1 watt max, SSB.

SOSB - LP - [1 w. output max] - SSB. [20, 15 or 10 mtrs only]
- single operator, single band, low power, 1 watt max, SSB.

SOAB - LP - [1 w. output max] - CW.
- single operator, all bands, low power, 1 watt max, CW.

SOSB - LP - [1 w. output max] - CW. [20, 15, or 10 mtrs only]
- single operator, single band, low power, 1 watt max, CW.

DX stations (non-Canadian & USA) -

SOAB - HP - [5 w. output max] - SSB & CW.
- single operator, single xmtr, all bands - high power, 5 watts max,
SSB + CW.

QRP Clubs -

MSAB - HP - [5 w. output max] - SSB & CW.
- multioperators, single xmtr, all bands, high power, 5 watts max,
SSB + CW.

Summary Sheet example:

- QRP-CANADA "RUN WITH RAC" CONTEST SUBMISSION -

Submitted by: (full name & Call)
Operating as: (call or club call)
Address:
City,Province,State:
Country:
Postal Code/Zip:
E-mail address:
Category entered:

- SCORE CALCULATION -

Canadian Qsos were	:	(x10)	=	[excludes RAC qsos]
RAC QS0s were	:	(x20)	=	

Total DX contacts	:	(x2)	=	

Total of ALL QSOs	:	QSOs	=	<--total points.
Total Multipliers	:		=	

CLAIMED SCORE:			=	points.

Signature:				

*** PLEASE SPREAD THE WORD...thank you ***

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
 A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
 - VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
 "QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

 End of QRP-L Digest 2981

